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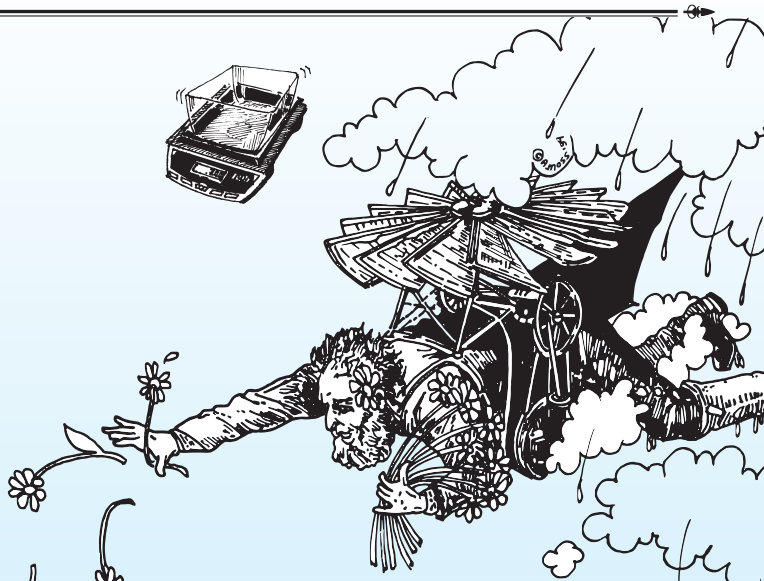
April 2021 Volume 391

You'd Be a Fool to Miss These Deals!

Smarty Plants Planters
$11.95/each
Page 58



Ornate Skull Stash Boxes
$11.50/each
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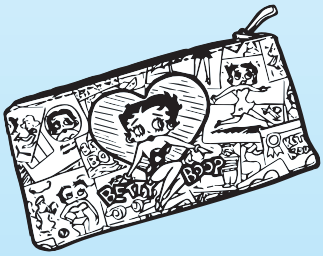

Official Betty Boop Handbag
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USB Powered Tinkerer Kit
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Find the April Fools' Item and Win a FREE Gift

see page 3 for details

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STORE LOCATIONS

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Chicago, IL 60630
773-763-0313

Geneva/West Chicago Location:
33W361 Route 38
(1/4 Mile East of Kirk Road.)
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We typically ship your treasures within a day or so of receiving your order. **Standard:** Depending on the carrier and your location, you can expect to receive your order within 3-10 business days. **Expedited:** Next Day Air, Second Day Air, and Ground Plus orders received before 1:00 pm Central Time will ship out the same day. Expedited packages are delivered Monday-Friday only, excluding holidays.

Will you ship outside the US? Do you ship outside the contiguous 48 states?

Sorry, we are able to ship (and mail printed catalogs) only to the US, its territories and possessions, and APO or FPO addresses.

Yes! All orders shipping outside the contiguous 48 states must use "AK-HI Only" shipping charges. All orders shipping outside the contiguous 48 states will ship via USPS . That is the only permitted ship method for orders shipping outside the 48 states.

Shipping Charges:

Please use the table above to determine the shipping charges for your order. Additional information is found on the order form bound in the middle of this catalog. Please call 888-724-7587 with any questions. Thanks!

Sales Tax: Sorry, recently passed tax laws require us to collect sales tax in the following states. Please calculate sales tax for order total (including shipping & handling) as per state requirements. Use our handy guide below and adjust based upon your county/city actual sales tax percentage which may be lower. Please call if you need assistance.

AR-9.43%	GA-9%	IA-7%	IL-10.25%	IN-7%	KY-6%	KS-8.67%	MI-6%	MN-8.38%	NC-7.5%
ND-8%	NE-6.85%	NJ-6.63%	NV-8.27%	OH-7.17%	OK-8.92%	PA-8%	RI-7%	SD-6.5%	UT-8.7%
VT-7%	WA-10.4%	WI-5.6%	WV-7.5%	WY-6%					

Welcome

to our American Science & Surplus catalog. Here you will find a unique mix of industrial, military and educational items, with an emphasis on science and education. We supply a wide range of unusual and hard-to-find items (some say bizarre stuff) to the hobbyist, tinkerer, artist, experimenter, home educator, do-it-yourselfer, and bargain hunter. Our items are great gifts, inexpensive supplies, and an endless reason for a giggle or a "Gee whiz!" We try to be scrupulously honest in presenting whatever we know about what we have, and always take it back, no questions asked, if the customer isn't satisfied with it. Please remember that we offer many more items than will fit on these pages. You can both peruse and purchase every item we have at our website: www.sciplus.com. Thank you for taking the time to browse our catalog. We appreciate your business.

Patrick Meyer, President

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Frequently Asked Questions

What is surplus?

We buy closeouts, inventory overruns, mis-manufactures, and items whose time has not come. We can usually acquire these items on a one-time-only basis. When a surplus item is gone, it is gone. So if you see something you love, best get it now since we may not have it tomorrow. Our website is frequently updated with our inventory. If you see an item in our catalog, but cannot find it online, it means we have sold out of that item. If our stock of the item you have ordered is exhausted we will refund that portion of your remittance. When we can't find surplus, we may carry regular merchandise which we think those interested in learning and tinkering will find appealing, but only if we feel it is good quality at a fair price.

Can I return items?

Yes. We accept all returns without question and will either refund your purchase price or send you a replacement, as you chose. Returns must be made within 30 days of purchase. For complete details, please check the order form bound in the center of this catalog.

What forms of payment do you accept?

We accept Visa, MasterCard, Discover, American Express, checks and money orders. We are sorry to report that we cannot accept CODs, cash, stamps or gold. **If paying by check, please be aware that you are authorizing American Science & Surplus to use the information on your check to make a one-time electronic debit to your checking account. This electronic debit will be for the amount indicated on your check. If you do not have sufficient funds in your account, a returned check fee may be debited from your account. If you have any questions, or choose not to have your check converted into an electronic item, please contact American Science & Surplus at (888) 724-7587.**

Do you have a minimum order requirement?

We regret that the costs of doing business preclude us from processing orders of less than $10.00 merchandise value (exclusive of shipping and handling). We will return orders of less than $10.00 merchandise value.

Additional information can be found on the order form bound in the middle of this catalog.

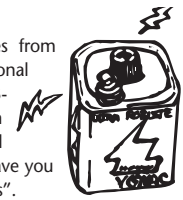
APRIL AWESOMENESS!

April Fool Game Instructions

We have placed an "April Fool" fake item somewhere in this catalog. Be one of the first three hundred customers to find the bogus item and we will include a free prize with your order. Just tell us on your order form which item it is, or tell our customer service rep while you are placing your order by phone, or enter the correct item number directly into the "Quick Add to Cart" box in your shopping cart on our web site (you will not find the item anywhere on the site), and get your prize! You must place an order by April 31, 2021 and figure out the fake item to get the fabulous gift.

Good Luck!

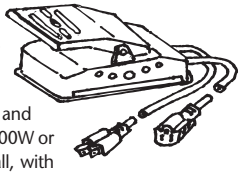
Standard 6-Volts



Nice, new 6-volt lantern batteries from Ultralast®, labeled for the international market. Standard 2-5/8" square x 3-3/16" high, standard spring tabs on top. Advanced Heavy-Duty the label says. Pat says "We've priced it to save you a world of Dollars, Pesos and Francs".

88182 6 Volt HD Lantern Battery ~~$5.35~~/each
Awesome Deal! $4.00/each

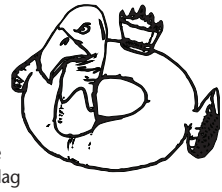
Step On It



Perfect for hands-on hobbyists. Foot-pedal speed controls free up your paws to do the real work. This one's for 120VAC devices, and ideal for machines using approx 200W or less. Measures 5" x 3" x 2-1/4" tall, with a 6-foot cord that plugs into the wall and a grounded female plug for your sewing machine, rotary tool, scroll saw, or, if you really make a lot of banana Daiquiris, blender.

93239 Foot Pedal Speed Ctrl ~~$17.85~~/each
Awesome Deal! $16.50/each

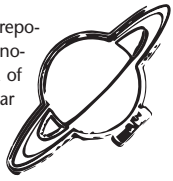
Ride The Wild Eagle



Rubber ducks are for toddlers' bath time and inner tubes are for amateurs. Real river runners jump on the back of a bald eagle and ride the waves in patriotic style. The bird's determined gaze will help tame the rapids, and the colorful American flag wings will make it easier for the rescue team to find you. On second thought, maybe just use it in your pool. It wouldn't make you any less patriotic. Measures 50" long x 40" wide (which is actually bigger than a real bald eagle) x 32" tall at the bald spot.

48195 Bald Eagle Pool Float ~~$19.50~~/each
Awesome Deal! $16.95/each

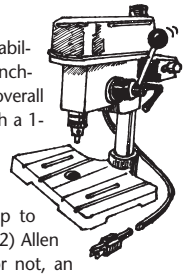
Easy On, Easy Off



Like sweat pants. These self-adhesive and repositionable classroom aids will make astronomy like a piece of cake, or at least a box of cookies. Our (22)-piece Peel and Stick solar system includes pieces ranging from an 11"+ sun down to 1-3/16" stars and planets and are somewhat to scale. Put 'em up, take 'em down. They're always there for you, like those old reliable sweat pants.

47329 Peel-n'-Stick Solar System ~~$6.50~~/each
Awesome Deal! $4.50/each

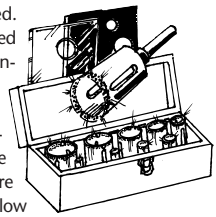
Son Of A Drill Press



This mini version has all of the big guy's abilities on a slightly reduced scale. The bench-top drill press measures approx 15" tall overall on a 6-1/2" x 9" x 1" cast-iron base with a 1-5/16" dia x 11-5/8" tall column. Max working distance is approx 6". Chuck opens to 5/16", throw is 3/4". It's 120VAC, and has (3) speed ranges, up to 5000, 6,500, and 8000 rpm. Includes (2) Allen wrenches, chuck key, and, believe it or not, an instruction booklet that is easy to understand.

93984 Mini Drill Press $89.95/each

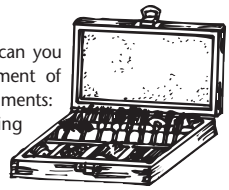
Diamond Hole Saws Are Forever



The last set of hole saws you'll ever need. This 10-piece set of diamond-encrusted core drill bits comes in a wooden presentation case (Hey, they've got diamonds on them!) and includes 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-3/8", 1-1/2", 2", and 2-3/8" dia. Shanks are 1/4" except the (2) largest, which are 3/8", and all the bits are slotted to blow out dust. Designed for cutting glass, ceramics, porcelain, ceramic and porcelain tile, limestone, slate, marble, granite, stone, fiberglass and other tough stuff. Don't forget to add water (not included) for lubrication.

93244 Boxed Hole Saws $59.95/each

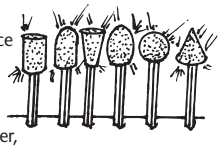
Roto-Cornucopia



All together now, boys and girls, can you say BARGAIN? A bonanza assortment of (100) 1/8" shank rotary tool attachments: wheels, brushes, stones, sanding wheels, buffing pads, and sundry other stuff. All in a nice wooden box with the latch on upside down-so write "top" on the top. Is that why it's here? That, and the cardboard sleeve that tells us to heed an "importan" warning.

36142 Rotary Accessories $13.50/each

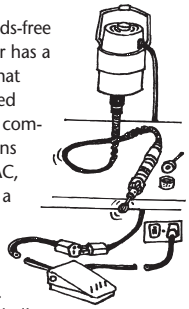
Diamonds Are Forever



So you won't want to lose this 6-piece set of diamond burrs. They're on 1/4" shanks, and are 2-1/4" to 2-3/8" long OA, with approx 1/2" dia heads. The set includes one of each shape: cylinder, round-end cylinder, round, egg, inverse cone and pointed cone. All are #40 grit. Incredibly handy for those tough jobs!

93380 Diamond Burrs $12.95/each

The Better Rotary Tool



For bigger, or longer, projects, and hands-free operation. This 1/4-hp flex-shaft grinder has a 43" long flexible shaft, a keyed chuck that accepts bits up to 5/32", a variable-speed control foot-pedal power switch, and a comfortable 1" dia hand grip. The motor runs 500 to 22,000 rpm, operates on 120VAC, measures 3-1/4" dia x 4" long, and has a sturdy hook to hang it from an over-the-bench shelf. Comes in a blow-molded storage case and includes replacement brushes. Intermittent duty. Over 25 grinding tool accessories included!

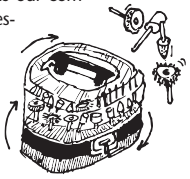
93240 Flex Shaft Drill/Grinder $79.95/each

Handiest Hobby Helper

A great hand held rotary tool and an excellent buy. The plastic carrying case at 12" x 8-1/2" x 3-1/2" contains not only the 120VAC-powered variable speed (8,000-30,000 rpm) mini drill/grinder, but a 3-ft flexible extension shaft that allows you to operate in even the tightest spots and a good assortment of bits, grinding stones, cut-off wheels, etc, including collets to fit 1/8" and 1/16" bits. A nice package, and a very nice gift for yourself, or for anyone who enjoys working with hobby tools. UL listed, just like the big boys. Check out all our rotary tools and accessories.

96406 Rotary Tool w/Flex Shaft $32.50/each

To Every Thing, Turn, Turn, Turn



And a rotary tool for every turning. This is our compactest compact set of rotary tool accessories, all in a carrying case that you can actually carry. Includes a staggering (276) pieces with standard 1/8" shanks, including a plethora of polishing wheels, a bunch of belts, brushes and burrs, a gaggle of grindstones, and a ton of tips, plus flap-wheels, collets, mandrels and a wrench. All of them are in a 7" square x 4-1/2" case with a clear lid and a lazy susan for your tool-selecting convenience.

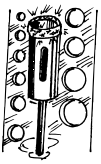
96719 276-Piece Rotary Tool Set $24.95/each

Chuck Keys

How many chucks would a key chuck key if a key chuck could key chucks. A key chuck would key...oh forget it. Buy this (4) headed key chuck and know you will have the right size for most popular chucks on tools from Delta, Black & Decker, Bosch and other manufacturers of portable and smaller stationary tools.

91507 4-Way Chuck Key $2.75/each

Cut Holes In Diamonds!



This set of (10) diamond hole saws could (extremely theoretically) cut holes in diamonds, but mostly they're for glass, ceramic, marble, slate and tiles. You get 40-grit, diamond-core hole saws at 1/8", 5/32", 13/64", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" and 1/2", all 2-1/2" long with 1/8" shanks.

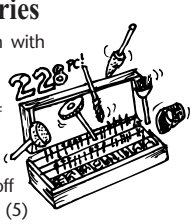
94812 Diamond Hole Saw Set $19.50/each

Diamond-Coated Is Forever

Each of the (6) diamond-coated carbon-steel bits in this set has a 1/8" shank for use in rotary tools. All of them are 1-3/4" long and include: a ball, cylinder, two sizes of cones, a spindle, and a point.

97008 Diamond Bits $4.50/each

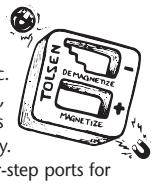
It's All About The Accessories



What do rotary tools have in common with fashionistas? Yes, it really is all about accessorizing. This set includes (20) shading bands, (10) fiberglass cut-off wheels, (21) assorted grinding stones, (3) polishing wheels, (45) woolen wheels and points, (36) silicone cut-off wheels, (60) sanding discs, (6) brushes, (5) diamond burrs, (8) high-speed steel burrs and drills, (3) mandrels and some polishing paste, all in a dandy wooden case.

95618 228-Pc Rotary Tool Set $20.95/each

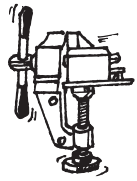
Might As Well Be Magic



Yes, there's a scientific explanation, but we prefer to think this magnetizing/demagnetizing tool relies on magic. Stick a screwdriver head in the bottom, it's magnetized. Stick it in the top, it's demagnetized. Fun for the whole family. Measures 2" square x 1-1/4" with stair-step ports for blades of different sizes. Never drop a screw again.

97089 Tolsen Mag-Demag Tool $3.95/each

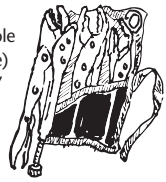
Small But Bitey



Our smallest vise, and arguably our handiest around the house: call it the Jaws of Aluminum. Clamp this small table vise onto a surface up to 3/4" thick and let it be your third hand. The jaws are 1-1/2" wide and open to a maximum of 1-1/4".

94243 Aluminum Table Vise $8.25/each

These Are A Lock



Nice set of (3) locking pliers (called Mole grips in the UK, and you're welcome) include a 5" pair that opens to 3/4"; 7" pair opening to 1-1/4"; and a 10" pair opening to 1-1/2". All have quick-release levers and serrated jaws, and they're rolled up in a fabric storage pouch.

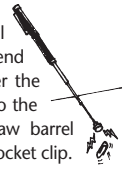
46792 3-Piece Locking Pliers $20.95/each

Octotool

The 8-in-1 screwdriver/flashlight combo from iZoom® features un-lose-able drivers. Includes slotted 1/8", 3/16", 1/4", Phillips #0, #1, #2, plus mini-slotted and Phillips, all on hinges at the bottom of the light. Swing them up and they snap in place with the light as a handle. The light/handle has (6) cool-white LEDs shining at 100 lumens. The whole shebang measures 5" long x 1-3/4" dia.

97215 Octo-Screwdriver Tool $6.75/each

Skinny ButStrong Like Bull



Our thinner picker-upper, but with a powerful 5-lb-pull, 9/16" dia magnet on the business end (for spilled nails, the screw that rolled under the stove, or the heavy wrench you dropped into the sump). The 5/16" dia x 5-1/4" long 4-draw barrel extends to a full two feet. Has a convenient pocket clip.

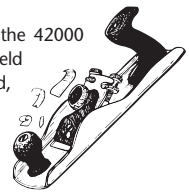
93985 Skinny Picker-Upper $3.25/each

Attach Anything!

You need this. Anybody who's ever made a third trip to the hardware store on the same day needs this. The (100) -- count 'em, (100) -- chrome vanadium driver and bit attachments include slotted, Phillips, square (Robertson) head, torx, hex and 12-point bits, plus security Phillips, torx and hex, and (4) different driver adapters (one of which, a super-cute cup-hook driver, has us oddly excited). They're all in a flip-top plastic case. How come it's surplus? If you turn it upside down and shake it, some of the bits fall out of their little size-marked slots. So don't do that. Or stick a thin sheet of foam inside it and all will be well.

92581 100-Pc Bit Set $13.75/each

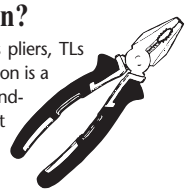
Not A Plain Planer



There are plain ol' planers and there's the 42000 Planer from Tolsen Tools. This hand-held wood planer has a carefully sharpened, adjustable blade that can be used for soft or hard wood. Also has an anti-slip comfort PVC grip and a strong, plastic adjustment knob. Blade is 1-3/4" wide, and the whole shebang measures a compact 9-1/4" long. Store it in the sturdy cardboard box it comes in. Tolsen means quality, which sounds like an ad slogan, but it's true.

97261 Tolsen Wood Planer $11.50/each

What's The Combination?



For these pliers--known at lineman's pliers, TLs or combination pliers--the combination is a blunt nose, flat serrated gripper, rounded gripper and cutting jaws, in that order. Ours is a quality tool from Tolsen Tools, 8" long in nickel-plated steel with plastic-coated handles.

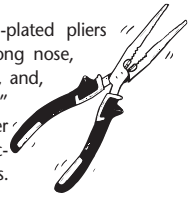
97090 Tolsen Combination Pliers $6.75/each

Diamonds Are Flat

These are, anyway. This 6-piece set of flattened diamond files are 8-1/2" long x 3/16" thick with 3-1/8" of 40-, 80-, 150-, 240-, 400-, and 600-grit embedded in the business ends. Grips are rubber-coated to protect your paws. Everybody's got something that needs filing, and these will last a lifetime.

96855 Flat Diamond Files $19.95/each

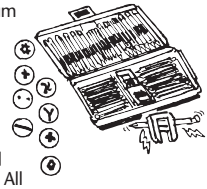
Pinnochio Pliers



These high-quality 8" long nickel-plated pliers from Tolsen Tools have an extra long nose, even when they're telling the truth, and, as you know, pliers never lie. The 3" long jaws finish with a 1/2" gripper section and another side-cutter section. Also have coated plastic handles.

97091 Long-Nose Pliers $8.70/each

Tamper With The Tamperproof



This 34-piece set of chrome vanadium bits includes 1/4" hex bits with (8) security Torx from T8 to T40; (3) Pozi from PZ1 to PZ3; (2) Phillips at PH1 & PH2; (6) security Hex from H2 to H6; (4) Tri-wing from Y1 to Y4; (4) spanner head from U4 to U10; (3) Torq from S6 to S10; and a 6mm slotted bit. All are 3" long. Includes (2) mag-demag blocks, and a storage case.

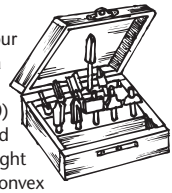
96718 Tamperproof Bit Set $14.95/each

Brusha, Brusha, Brusha…

Brusha, Brusha. This (5)-piece wire brush set for an electric drill will let you scour pretty much anything your little scouring heart desires. All have 1/4" shanks and 0.3mm brass coated carbon steel wires, and you'll get circular brushes at 2" dia x 1/4" and 3" dia x 3/8"; cup brushes at 2" dia x 1/2" and 3" dia x 7/8"; plus a 1" dia x 1-1/8" wire end brush. Max speed is 4500rpm . They're as fun to use as they are effective.

97095 Wire Brush Set $7.95/each

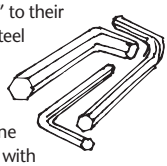
For Little Jobs



If you've maximized the value of your Dremel–type tool (1/8" shank) with a router attachment, we can offer you a great set of mini router bits. Our set of (10) comes in a nice wooden box with a hinged lid. It includes 1/8", 3/16" and 1/4" straight bits; 3/16" and 1/4" points; concave, convex and straight edge bits; a 1/4" round–nose bit; and a 1/4" groove–cutting bit that is flat on the bottom and curved on the sides. Just enough to give you a little edge on other hobbyists.

92160 Mini Router Bits $17.25/each

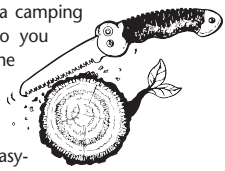
Put A Hex On It



This 9-piece hex key set ("Allen wrenches" to their friends) is made of chrome vanadium steel with ball point ends on the non-business side. You know how you always need an Allen wrench at some point? And you have most of the sizes but not the one you actually need? Those days are over with this set. Sizes include: 10, 8, 6, 5, 4, 3, 2.5, 2, and 1.5mm. Lengths range from 1-3/4" to 4-1/2", and they come in a nice folding holder for those times that you don't need them.

47437 Hex Key Set $5.95/each

See Saw



See saw, buy saw. Then go on a camping trip and saw some firewood so you don't freeze your tuchis off in the woods. This folding steel cross-cut saw opens to 10-1/2" long with a 5" blade, but folds to a tote-able 6-1/4" long. Has an easy-grip contoured handle and a locking blade with teeth designed to cut through tree bark.

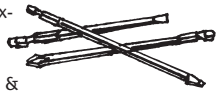
96861 Camping Saw $6.50/each

A Gripping Tale

What a cool little clamp! Only 8" long overall, the jaws open to 4" when you press the release button and close incrementally as you pull the trigger. The 3/4" x 7/8" pads on the metal-and-plastic tool won't mar the surfaces they're sandwiching. Makes you want to find something to clamp!

92041 4" Trigger Clamp $2.75/each

Long-Distance Screwing



You get a 4-pack of standard 1/4" hex-shaped driver bits that are 6" long for those hard-to-reach screw-heads. Includes a 1/4" slotted driver plus #1 & #2 Phillips and a #2 Robertson in case you're Canadian.

94999 Long Drivers $4.65/each

Engrave Me...

...my sweet engravable you. Safeguard your stuff with this little battery-powered engraving pen. The 1/16" dia head vibrates to let you inscribe your ID on stuff that might otherwise wander off. Surprisingly effective for a lightweight tool. Measures approx 6" long x 1" dia and works on metal, wood, glass, plastic, leather and more. Runs on (2) included "AA" batteries.

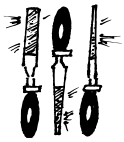
95608 Engraving Pen $4.50/each

Metal Razor Saw

Precision metal saw of the type usually known as a razor saw. It has a 4–1/2" long x 1" deep blade with very fine teeth and reinforcing down the spine. Complete with plastic handle. Excellent for cutting small metal tubes and strips for hobby work.

88560 Precision Metal Saw $11.95/each

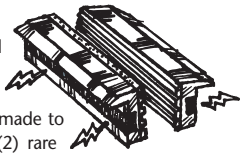
Diamonds Are A Boy's Best Friend



Diamond files never wear out, hardly, unless you file diamonds with them. This 10-piece set of diamond files has an assortment of wedges, flats, points and triangle files, all 6" long overall and up 5/16" wide. If you can't find the one you need here, you probably shouldn't file the thing in the first place.

94591 Diamond Files $15.95/each

Soft Jaws



Stop wrapping duct tape around your vise, and protect delicate material the right way with this pair of hard-rubber, ribbed pads made to cover the jaws. The pads have (2) rare earth magnets embedded inside the rubber. Made for a 4" vise, they measure 4" long x 1-1/8" high x 3/8" thick with a lip along one long side. The rubber is 3/32" thick.

37275 Rubber Vise Pads $12.50/each

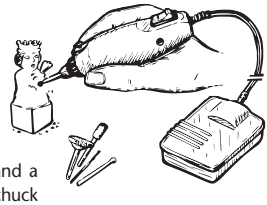
Hobby Drill

A really cool mini drill set for your mini projects! The 7 1/4" long aluminum push drill for delicate work comes with (1) 1/16" and (1) 1/32" collet, and (20) bits that fit them. The bits are #61 through #80, some so needle-thin they could add tear ducts to a fashion doll. They come in a mini case marked with the number and size of each bit in mils.

92548 Push Drill Set $14.65/each

NEW!

Got Engravables?



This battery-operated, hand-held hobby drill, carver and engraver spins at 13,000 rpm and runs on (4) "AA" batteries that you add. Includes a 3/32" chuck with an engraving bit, (2) grinding wheels, and a sharpener; an extra 1/16" chuck with (1) drill bit; and a 1/8" chuck for added tools. Handle and battery case are in a floral pattern, and the unenlightened manufacturer has labeled the package "Her Embosser," so it serves them right that it ended up discounted at your friendly surplus supplier.

48286 Floral Print Mini-Drill $11.50/each

Punchy

Permanently mark soft metals, plastics, leather and wooden items with this excellent 38–piece punch set. Imprint 3/16" characters — 26 uppercase letters, numbers 0-9, a period and an ampersand. It comes with an automated, spring–loaded punch 6–1/2" long, all stowed in a permanent, molded–plastic storage case.

91983 Labeling Punch Set $21.95/each

This Is The End (Cutter)

Everything from Tolsen Tools is solid, and that includes this 8" long end cutting pincer tool with 1-3/16" jaws. It's made of chrome vanadium steel, and you should get one for that reason alone. Not to mention the soft and grippy rubber-coated handles. Damn, we love quality tools.

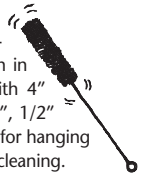
97260 Tolsen End Cutter $8.50/each

Punch Set

Punch 1/8" to 1/2" holes in leather, balsa wood, etc., with this set of (9) steel punches. The punches, which come in a fitted black-plastic carrying case, are 1/2", 7/16", 25/64", 3/8", 5/16", 1/4", 3/16", 5/32" and 1/8". They are 3-1/4" to 3-3/4" long, with knurled grips, imprinted sizes, and side slots to allow the slugs to fall out.

92282 9-Piece Punch Set $9.50/each

Clean Out Your Tubes



You do have tubes, don't you? This 10-piece set of wire brushes includes (5) each in brass and stainless steel, all 12" long, with 4" long bristle sections with 1/4", 5/16", 3/8", 1/2" and 3/4" dia bristles. Loops on the end are for hanging above the bench where you do your tube cleaning.

96939 Wire Brushes $12.50/each

One-Handed Pliers

Look, Ma, one hand! These 10" Powerbuilt® wrenches have spring-loaded, self-adjusting jaws made to bite, hold and turn virtually anything--round, flat, hex or oddly shaped--that will fit. The jaws open to 2-3/8" apart and remain parallel. Designed so the jaws will generate 4X the clamping power of the ANSI pliers standard. Unlike you, its jaws have hardened steel teeth. Good to have a few in the garage, workshop and camper.

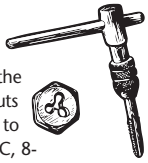
47752 Powerbuilt® Wrench $12.50/each

Not Your Father's Tin Snips

These 10" Tolsen Tools chrome-moly beauties are aviation snips, right-cutters with a compound action and 1-1/2" long fine saw-tooth cutting blades. Will cut up to 1.5mm cold-rolled steel, 1.8mm aluminum, or 1.0mm stainless steel. Coated handles and a blade lock. Our Whs manager John, uses them around the shop to cut steel banding cable on pallets. If they're Tolsen, you know they're tough.

97092 Tolsen Aviation Snips $9.75/each

Tap And Die



Could be what you do if you're buried alive, or if you want to dance your life away, but most likely it's a description of the machinist's friend. This tap & die set cuts straight, clean threads and includes a 1/8" to ¼" tap wrench, and a tap & die in 6-32 NC, 8-32 NC, 10-24 NC, 10-32 NF, 1/4 – 20 NC and 5/16 – 18 NC. In drop-forged, heat-treated steel coated with titanium nitride. Titanium tools!

97173 Tap & Die Set $19.50/each

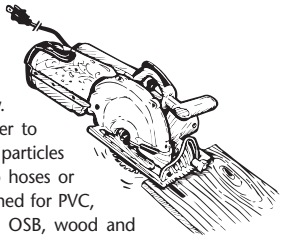
Steampunk?

These non-fog not-really-welding goggles are just what you need to cap off your costume. Sure, the flip-up dark lenses are too dark to see through easily (that's why they have conventional clear plastic lenses underneath them), but leaving them flipped up just adds to your zany, adventurous, steampunk persona. Aesthetics include side vents and an adjustable elastic head strap. And the goggles accept standard 50mm replacement lenses, but if you think the party is going to be that rough, we suggest that it would be cheaper and easier to just buy a couple of pairs at this price-from-the-past.

94326 Flip-Up Shaded Goggles $5.25/each

NEW!

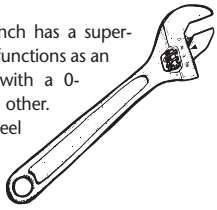
Suck It Up



Nobody will ever call you Dusty again if you're wielding this Roan Model S7250 dust-collecting circular saw. Has a self-contained chamber to collect 90% of dust and particles down to 2 microns with no hoses or vacuum attachments. Designed for PVC, fiber cement, Hardie siding, OSB, wood and other materials, it uses a 7-1/4" blade (not included), tilts up to 45 degrees, and cuts to a 90-degree depth of 2-1/4". Includes a Lydall HMWP filter designed to last the life of the saw in a chamber large enough to go 50-60 cuts before emptying. Corded to run on AC power. The saw's new, in the box -- but it's priced at half the original retail price, Dusty.

48564 Roan®Circular Saw $89.50/each

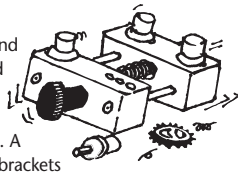
Calipering Wrench



First of all, this adjustable wrench has a super-handy 0-3/4" x 1/16" rule that functions as an outside caliper on one side, with a 0-25mm x 1mm version on the other. And it's an 8" drop-forged steel adjustable wrench that opens to a maximum of 1-1/16". It's a handy tool, to be sure.

97093 Tolsen Wrench-Caliper $9.95/each

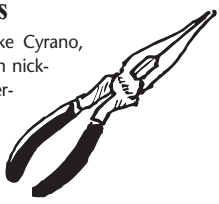
Micro-Vise



It's officially a watch-case holder, and indispensable for jewelers and watch collectors, but it's equally useful for holding anything small and squirrely while you work on it. A pair of 1-3/4" long x 15/16" tall brackets have (4) sets of (6) holes that take (4) movable posts. Spring-loaded jaws dial open to a max of 1".

93875 Watch Vise $3.95/each

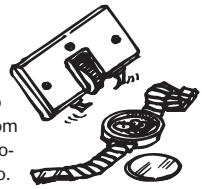
de Bergeracan Pliers



Long nose, like Cyrano. Unlike Cyrano, these pliers measure 6" long in nickel-plated steel with mostly serrated jaws and a cutting edge near the pivot, where it ought to be. Handles are dipped in rubber to help prevent electrocution.

96404 Long-Nosed Pliers $3.95/each

Cool Tool



Winner of this week's "What IS That?" award. It's a watch crab, also called a spanner wrench, that's designed to remove the back from watches, lenses from telescopes, and other thin, flat components from whatever they're attached to. Heavy for its size, it's 1" x 2-3/4" x 3/8" thick, with sharp 1/4" prongs projecting from the edge. The prongs move from 2" to 7/16" apart as you spin the furled nut between them. An impressive tool to flash in front of your brother-in-law. If he doesn't read our catalog, he won't have a clue!

91902 Watch Crab $6.50/each

Alkaline Batteries

You know all those A.S.&S. catalog items that call for AG13 button-cell batteries? We've got ya covered. Our each is a package of (10) 1.5 volt AG13s (AKA A76s, LR44s, V13Gas, and RW82s). And now for a limited time only, get our bulk package of (100)!

92524 AG13 Batteries $1.95/each

42632 100-Pack Savings! $9.95/each

NEW!

Geek Kit

This is the warranty-violator special, or just a MacGyvering guys toolbox. The black, 8" x 6" x 1-1/2" zipper pouch holds a rechargeable battery power pack with a USB output, which will power the little, quite gusty fan, the 5-LED flashlight, and the reversible torquey screwdriver with tiny Phillips, flathead, hex and square bits. Battery will also charge cellphones and other devices.

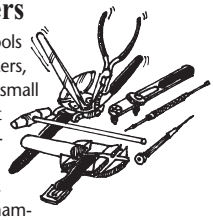
48407 USB Tool Kit/Charger $9.50/each

Under Three Cents Per Screw

Our eyeglass- and watch-repair screw kit pretty much guarantees you'll have the itty-bitty teeny-tiny fastener you need to fix every little thing. The 250-piece set includes a labeled assortment from 2.5mm to 4.5mm in (4) watch-screw and (8) eyeglass-screw categories. In a 3-3/8" dia rotating caddy. Try not to spill these onto a carpet.

94505 Watch & Eyeglass Kit $6.95/each

Not Just For Watchmakers

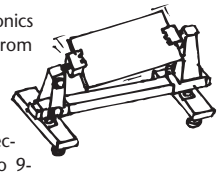


This 16-piece set of watchmaker's tools are just as handy for jewelry-makers, crafters, or anyone else working with small parts. The professional watch-repair kit Includes (2) tiny Phillips-head screwdrivers, (3) diminutive flat-heads, a case knife, non-magnetic tweezers, case wrench, metal/plastic watch hammer, link-pin remover, double-head pin pusher, (3) pin-punches, small needle-nose pliers, and a watchband holding block. Just changing bands and batteries? Get these tools to make it a lot easier, and order a brand-new pack of 30 popular button-size batteries-(6) AG1, (6) AG3, (6) AG4, (3) AG5, (3) AG12, and (6) AG13.

93753 Watch Tools $14.95/each

93824 Assorted Watch Batt. $2.95/each

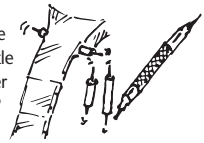
Rack 'Em Up



Like a third hand in the electronics lab, this circuit-board rack from Elenco® has a pair of stable 6-1/2" legs and 3" tall arms with clips, one spring-loaded, to hold the board. It's a must for any electronics DIY-er. Adjusts from 0 to 9-3/8" apart and lets you rotate the board it holds a full 360 degrees. Both clips and legs lock with thumbscrews.

95503 Circuit Board Clamp $14.95/each

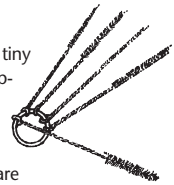
Watch Yourself



You know how when you try to replace a watch band yourself and that little spring bar flies out and you can never find it in your retro shag carpeting? We're here to help. First, get rid of that carpeting. Then get this set of multiple standard 1.5mm spring bars. You'll get between 7 and 10 of each in a dozen sizes (100 pieces altogether) from 8mm to 19mm, plus a double-ended tool to help you swap them out in the first place.

97140 Watch Repair Spring Bars $6.50/each

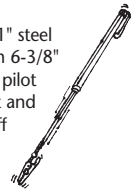
Tiny Brushes



Teensy tiny brushes for cleaning teensy tiny tubes, airbrushes, spray guns, tattoo equipment, nozzles, etc. Think miniature bottle brushes. You get a set of (5) brushes: 1/32", 1/16", 3/32", 1/8" and 3/16" dia. All have nylon bristles, are 4" long, and are on a slip ring so you won't lose them.

93983 Tiny Bottle Brushes $2.95/each

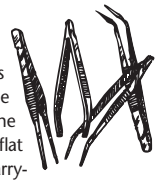
Gator Aide



On a stick. This 6-draw telescoping tool has a 1" steel alligator clip on the business end. Extends from 6-3/8" (with a pocket clip) to 25" long. Use it to light pilot lights and over-primed grills, to hold a magnet and grab lost screws, to fish wires, or to deliver stuff to the guy in the next cell. Unscrew the gator and it's a simple pointer, or you can put anything else with a 5/32"-36 thread on the end.

94084 Telescoping Gator $2.75/each

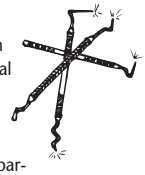
Good Tweezers



This set of (6) tweezers is as useful as it looks daunting. The (6) stainless steel tweezers vary in size from 4-1/2" up to 7". Two of the tweezers have serated tips one is inverse, one has a slide latch and the others are straight flat tip. The set comes in a clear front plastic carrying case. Good for model cars, planes or hard to reach splinters.

88366 Stainless Tweezer Set $6.95/each

Hard Dentistry



Prick tiny bits of gunk from nasty places with these U.S. made hardened stainless steel dental tools. But please don't use them for dental work. They are slight seconds, and some may have been re-worked which only matters to teeth. Trim excess glue from models, place a barrel on the deck of the ship-in-a-bottle, clean a rasp. If you need the strength and durability in a tiny pick, you need these tools. We have an assortment of the sort you've seen laid out on your dentist's tray. We'll pick (3) different ones for you.

91496 Asst. Dental Tools $6.50/pkg(3)

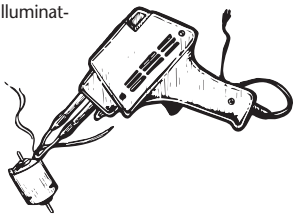
Oh, My Little Solder Boy

A big step up from the basic soldering iron, and much safer, our soldering station features continuously variable power between 5-40W, a 1.5mm pointed tip thin enough to use on surface-mounted components, a 4-foot cord, padded grip, iron holder, built-in cleaning sponge, and a stand-alone controller with a 5-1/2" x 4-1/2" footprint and a power switch. Grip is padded with a 3/16" dia shank. From Stahl Tools™ for hobbyists, do-it-yourselfers and students.

94047 Soldering Station $29.95/each

NEW!

The Heat's On



From K&S®. this 100W soldering gun features instant heat and an illuminating bulb so you see what you're doing. Includes on/off switch, an extra tip and a 4-foot cord. Heats up to 600 degrees F. Anyone who's soldered knows that soldering is solid fun, and much safer than soldiering.

48299 K&S® Soldering Gun $16.50/each

Soldering Iron

Penciltype soldering iron of the import variety. Overlook the charming instructions, it works just the way everyone does. 30 watt 110 volt, nice, serviceable unit.

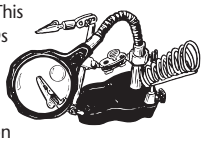
88242 Soldering Iron $7.25/each

Delightful Desoldering

Our delovely desoldering device is de spring-loaded suction type, approx 8 to 10-3/4" long. Depress de pump, heat de circuit board pad, squeeze de button, and de solder deesappears. Devious little devil.

92812 Desoldering Pump $6.75/each

Could You Use A Third Hand?



Who among us couldn't, really? This helping hand has dual white LEDs under a 2-3/8" dia 2.75X lens with a 5/8" dia 7.5X window on a 6-1/2" long gooseneck. Below the lens is a 4-1/2" rod with alligator clips on ball/socket joints at each end. Stands on a 4" x 2-1/2" base with a soldering iron stand. You add (3) "AAA" batteries and a project.

97117 Helping Hand $15.75/each
92294 "AAA" Alk Batteries $1.95/pkg(4)

Get Set To Solder

Our basic soldering set from Elenco® comes with a 25W soldering iron with a 5/32" dia tip, approx (5) feet of de-soldering braid, a cleaning sponge, de-soldering pump, iron holder and (5) feet of lead-free solder. Includes a 4-page booklet of lessons.

95162 Soldering Set $14.75/each

Soldering Gun in a Jar

Wire glue-the solution when you can't find the soldering iron, don't want to bother, are out in the woods, don't quite trust a fifth-grader with a hot gun, can't reach the connection with both hands, whatever. This stuff conducts low voltage AC and DC circuits in a permanent bond and is easy to use. Our high-tech support group suggests that a toothpick is a good way to apply it. Cures overnight. Our each is a 0.3 oz/9ml jar.

92838 Conductive Wire Glue $4.95/each

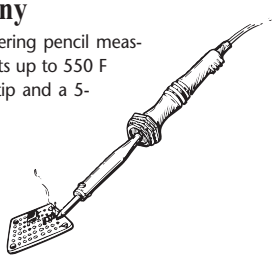
Lead-Free Solder

Sometimes you don't want lead in your solder. You know this. Our each is a dispenser that feeds approx 109" of lead-free solder in 0.04" dia wire. Solder is 99.3" tin and 0.7% copper. No need to thank us for refraining from lead soldier puns.

96744 Lead-Free Solder $4.50/each

NEW!

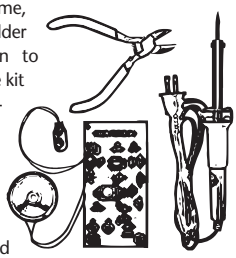
The Straight Skinny



This 30W lightweight soldering pencil measures 10-1/4" long and heats up to 550 F in a hurry. Has a 1" long tip and a 5-foot cord, plus a clip to rest it on without setting fire to the dining room table. Nicely balanced for easy handling by jewelry makers and other precision hobbyists.

48282 Hobby Soldering Iron $7.50/each

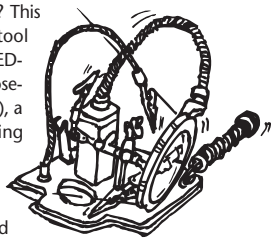
Oh, My Little Solder Boy



Little solder girls also welcome, of course. Teach a kid to solder with this AmeriKit® Learn to Solder Kit from Elenco®. The kit will result in a working two-tone and flashing Euro siren, and comes with a 25W soldering iron, a speaker, dual LEDs, 4" side cutters and a spool of lead-free rosin-core solder. Includes detailed instructions for ages 12+.

96528 Learn To Solder Kit $21.45/each

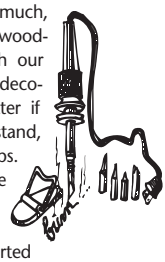
Need An Extra Hand With That?



How about three extra hands? This multi-purpose workstation tool has a large 3X, 3-1/2" dia LED-lighted magnifier on a 10" gooseneck (you add 4 "AA" batteries), a soldering-iron stand, cleaning sponge plus steel wool, a canister of flux paste, a pair of alligator clips with ball-socket mounts on the ends of a 4" rod plus an extra hand with a third alligator clip on a 10" gooseneck. Base is 7-1/4" x 6-3/4".

95543 Work Stand $39.95/each
92293 "AA" Alk Batteries $1.95/pkg(4)

Hot Carving



More artistic than using a router, and much, much less work than carving with chisels: wood-burning is back. Practice your skills with our wood-burning pen set. Easily details and decorates wood, leather and cork. (Also butter if you're very, very quick.) Includes a safety stand, (2) pointed tips, and (2) wedge-shaped tips. For the extra-creative, our set of nibs for the pen adds another (28) points, including a hot plastic and foam cutter, (10) soldering tips, (15) varied wood-burning nibs in assorted shapes and points, and both number and alphabet stencils

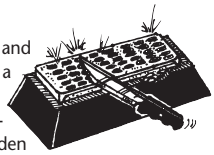
91006 Wood-burning Pen $12.50/each
93676 Wood-burning Nibs $12.95/each

You Will Survive

Gloria Gaynor has survived without this tactical survival knife for decades, but you might need it to save your life someday. Has a built-in carabiner for hanging on whatever you want to hang it on, plus a clip to clip it to whatever. Measures 8-3/8" open, with a 3-1/2" black, anodized blade made of high-strength stainless steel. From Frysco. Think camping, hunting, climbing, fishing, and general surviving. Hey, hey!

48348 Carabiner Hunting Knife $12.50/each

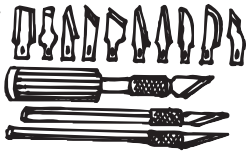
Whet's Your Problem?



Life too dull? You need a whetstone, and this one, while it's not a stone at all, is a big improvement. It's a 4-sided diamond sharpening block, 6" long x 2-1/2" on a side, sitting snugly in a wooden holder with slip-resistant rubber feet. The sides are 200, 300, 400 and 600 grit, so you can work your way up to a razor's edge on knives, chisels, or anything that needs a little edge.

93750 Whetstone $19.95/each

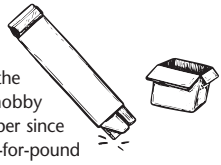
Price Cut



Trying to cut back on hobby expenditures? This incredibly priced utility knife set is x-actly what you need. Standard interchangeable blades and holders, the largest of which has an easy-grip, screwdriver-type handle. Everything is lined up in a fitted plastic box with extra blades magnetically anchored. This 48–piece set has (7) holders, a wide assortment of blades, (1) tube of glue, and (1) sharpening stone. Very nicely priced. Very sharp.

92264 Hobby Knives 48 Piece $16.95/each

Sharp As A Razor



This is your classic box cutter, folks—the little tool no warehouse employee should ever be without. Great for the home workshop, too, and the hobby room, garage, junk drawer and camper since it measures only 4" x 1" and pound-for-pound might be the most useful tool we sell. Takes a standard size razor blade (included), and all you have to do is push the blade out using the slide grip on the other end. Pull it back in when you're done. Safe, reliable, sharp, handy. We could go on. You'll get a pack of (12), and you'll be glad you have so many.

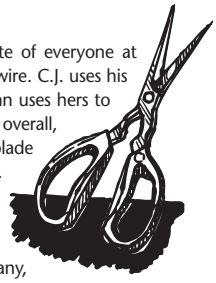
48251 Classic Box Cutters $7.50/pkg(12)

Krazy Like a Foks

They call it the "Krazy Cutter" and it's going to make your life a whole bunch easier. It's a little 2-3/8" long x 3/16" thick teardrop-shaped paper slicer with a teensy rust- and dullness-proof ceramic blade that magically cuts through paper and plastic. Perfect for clipping newsprint, cutting wrapping paper, and opening deviously sealed packaging, including the heavy stuff if you press a bit. Even CD cases. The krazy part? Won't cut your fingers or anything else. You could run it right over your hand, press down and everything, and nothing. Really. We tried it on some expendable employees. You know what this means? You can take it on airplanes, which further means that when you get to the coast you'll actually be able to open all the packages full of the stuff you sent ahead.

92855 Krazy Cutter $5.95/each

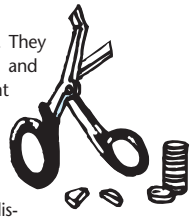
Cut Right To It



This all-purpose scissors is the favorite of everyone at A.S.&S.: Pat uses his to cut and strip wire. C.J. uses his to slit the tape on packages. Mary Ann uses hers to open bags of pretzels. It's 6-1/4" long overall, with a very sharp 2" stainless steel blade and large, comfortable handles. (Colors will vary). It would sell for $9.95 retail if it was new, but it was used for one day to cut cloth in the assembly plant of a major car company, then discarded. Quality control is a wonderful thing.

30457 Stainless Scissors $3.95/each

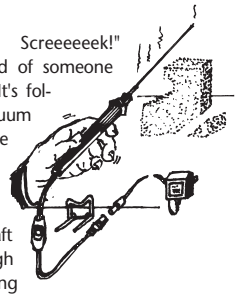
The Penny Cutters



These are the so-called miracle shears. They were designed for use by paramedics and others needing quickly to cut wire, light sheet metal, or other tough stuff that might stand between them and their quarry. They are normally demonstrated cutting a penny in two. Which they will do. But not as a steady diet. Let's dispel a few myths. While these are Pakistani stainless, we're not talking any miracles in manufacturing. They are good for their purpose, and real handy to have in the old tool box. But their purpose isn't making pennies into 5-mil pieces, and you will twist or break them at about the same time you find out that you've done the same thing to U.S. laws! For sheet metal or wire or fishing leaders or tin cans or whatever, be our guests.

6389 Penny Cutting Scissors $2.25/each

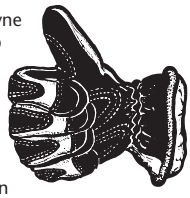
Electric Styro Knife



"Screeeeeek! Screeeeeek! Screeeeeek!" Recognize that? It's the sound of someone sawing a styro-foamal block. It's followed by the sound of a vacuum sucking up hundreds of little foam shards. Free yourself from both with this clever electric hot-knife that slides through those chunks of craft foam like a straight razor through a ripe mango. Perfect for carving foam blocks into shapes - or smaller blocks. Measures 10" long OA with a 4-3/4" long, needle-like cutting wand, heats up to 410°F (so be careful), and makes screeeek-free and shardless cuts. Has a 7-foot cord, line switch, safety stand, and wall-outlet adapter.

93201 Styrofoam Cutter $22.95/each

Fire & Rescue Gloves

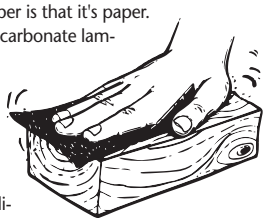


The first-responders' friend. Ergodyne Proflex® 730 gloves are OutDry® waterproof with breathable membrane. They also offer bloodborne protection. Made with Amortex® abrasion-resistant fabric and Kevlar®, they have elastic-line fabric cinches around the wrist. In black and neon safety green/yellow. Size Large only.

47876 Proflex Gloves $29.50/each

NEW!

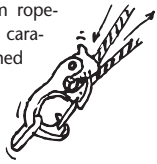
Rub Something The Right Way



The problem with sandpaper is that it's paper. This sanding film is silicon carbonate laminated to a plastic film on one side, so it's flexible, can be used wet or dry, and won't crack or peel. Washable for re-use. (5) 5" x 7-1/2" sheets of coarse150-grit silicon carbide film;

48291 5" x 7" Coarse Sandfilm $3.50/each

You've Tied Your Last Knot



The CamJam XT is a clever cast-aluminum rope-tightening tool and carabiner. Has a 7/8" ID carabiner hook at one end, and a 1-1/4" toothed ratchet at the other. Made to take braided rope between 1/8" and 3/8". Has a working load limit of 500 lbs, and a break strength of 1500 lbs. Measures 4" x 1-3/4' x 7/8". Marked "not for climbing."

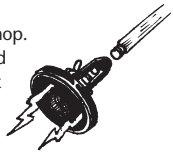
96976 Rope Tightener $13.50/each

Knot Your Average Carabiners

If your knot-tying skills are a clove hitch short of Eagle Scout, you'll want this set of CamJams, cord-tightening carabiners. In sturdy black plastic with stainless steel gates, there are (2) ways to use them, a loop or fixed-end system. Anchor the carabiner to any hook, D-ring, or loop and feed your cord through, then pull firmly until the cam locks. Sounds ridiculously easy, does is knot?

97209 CamJam Carabiners $9.95/pkg(4)

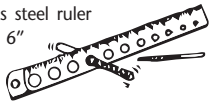
Really Big Retriever



Like a 300-lb Labrador for the shop. Our ceramic lift magnet is mounted in a metal housing with swivel that will attach to a standard threaded broom handle or painter's pole, and lift 20-25 lbs.

93514 Pick-Up Magnet $9.95/each

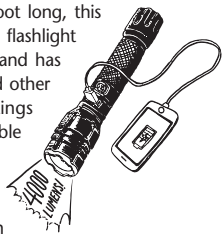
My What Big Drills You Have



But how big? Our handy stainless steel ruler with built-in drill gauge measures 6" in 1/32" increments and 155mm in 0.1mm increments, plus it has a set of (13) drill gauges from 1/16" to 1/4" in 1/64" increments.

95640 Drill Gauge Rule $2.95/each

Monster Flashlight

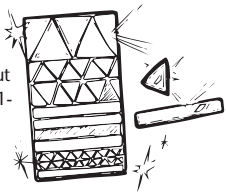


The mother of all flashlights! At a foot long, this extra-sturdy rechargeable LED COB flashlight shines an ultra-bright 5000 lumens and has the ability to charge your phone and other devices. Has (3) beam settings (max/low/strobe) with an adjustable slide focus and a range of 150 meters. The 6000mAh powerbank has a USB port, and comes with a charging cable. Lasts 90 minutes on high, or three hours on low. Weatherproof, and the power cord stores in the handle.

97136 5000-Lumen Flashlight $49.50/each

NEW!

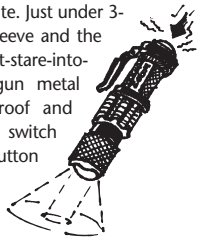
Upon Further Reflection…



You may need more reflective stuff to keep you safe. Try this sheet of slightly puffy reflective stickers in safety-vest yellow, with (48) pre-cut peel-and-stick triangles at 1-7/8", 1-1/4", 3/8", and (5) 7/8" x 4" strips. We like them for added safety and also for finding small stuff in the dark with a flashlight.

46937 Reflective Safety Stickers $3.75/each

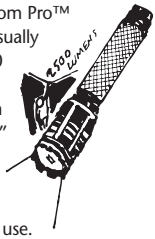
Extremely Intense Flashlight



This 3 Watt LED light is a mighty mite. Just under 3-1/2" long x 1" dia, you slide the sleeve and the beam zooms from a flood to a don't-stare-into-this focused spot. In black or gun metal anodized aluminum, it's waterproof and shockproof with a latching button switch and a pocket clip. Depress the button halfway when it's on and it goes into a rapid-flash mode for emergency signaling. Visible for 200 meters. Five hour life with the included 1-"AA" battery and a 110K+ hour bulb life.

94661 3-Watt LED Flashlight $6.95/each

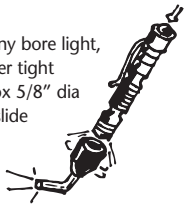
Let There Be Ludicrous Light



The boys in the back room called this IZoom Pro™ flashlight ludicrously bright, and they're usually right. Rated at 300, 1200, and 2500 lumens with a strobe setting, light is through a reticular COB LED element with an adjustable focus lens. Takes (6) "AA" batteries, and they're included. Measures 7" long x 1-1/2" dia in black aluminum alloy body. Has up to a 4-hour life, depending on the beam strength you use.

95980 Ultra Bright Flashlight $21.95/each

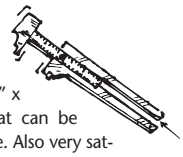
Bored?



Then better check your bore. This tiny bore light, made for looking into barrels or other tight spots, measures 3-1/4" long x approx 5/8" dia with a single white LED. Includes a slide on right-angle fiber-optic head and a pocket clip. Take off the head and it's a nice mini flashlight. You add (1) "AAA" battery.

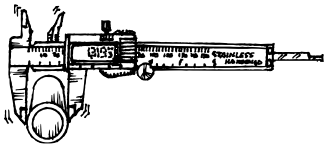
95803 Bore Light $4.95/each

You Eschew Electronics?



Sometimes, in a world of electronic measurement, you just feel like using a well tooled solid brass instrument--like this old-school vernier caliper. Has 4" x 1/16" and 100mm x 1mm scales that can be pulled apart to double as a depth gauge. Also very satisfying just to hold in your hand. Plus, it fits in your pocket!

97143 Brass Caliper $7.50/each



Digital Calipers

Electronics. The best thing that ever happened to calipers. Save your eyesight and measure accurate outside and inside dimensions with this digital instrument. Powered by an included button-cell battery, it measures up to 6 inches in .001 increments or 155 millimeters in .01 increments. Hardened stainless steel, 9-1/4" x 3" OA, with a locking vernier, it comes with a nice sturdy storage case and extra battery.

93237 Digital Calipers $19.95/each

Tear-Proof Tape

This is the stuff that won't rip, split or tear, not even if you bite it, and you're going to need a knife to open that package, bunky. It's so strong it's even hard to cut with the serrated blade on the included dispenser! Our each is (30) feet of 1-7/8" wide reinforced, filament packing tape in the afore-mentioned dispenser. Keep some around the house or in the garage.

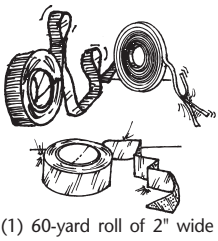
97074 Filament Tape $2.25/each

Elephant Ears?

Don't stick cotton swabs in anyone's ears, even your elephant's, although the largest of these will be tempting. Our each is a giant 325-piece pack of single-tip cotton swabs on wooden sticks and in (6) different sizes. The smallest is about what you've got in your medicine cabinet, and the rest range on up to the elephantine, 8-1/2" long with 3/4" dia swabs on the end. Were thinking artists, art restorers, auto detailers, electronics techs, gunsmiths and fussbudgets of all sorts will love them.

96947 325-Piece Cotton Swabs $7.95/each

Attention Tapeworms!



We all need tape, all kinds of tape. The smart folks (tapeworms) stock up and have it ready when things go south, as they will. Our each is a quintet of tapes, including: (1) 55-yard roll of 2" wide clear carton-sealing tape; (1) 82-foot roll of 1" wide beige double-sided tape; (1) 60-yard roll of 1-3/8" wide painters' masking tape; (1) 60-yard roll of 2" wide standard duct tape, the one you can't live without; and (1) 50-yard long roll of 2" wide aluminum tape, conductive on the shiny side and great for cold weather and metal repairs. Bonus use: fisherpersons use aluminum tape to wrap wooden lures for added fish-luring. Bonus tapeworm joke: they're the perfect pets--no leash, no license, go where you go and eat what you eat.

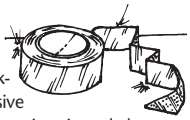
K0031 Tape Lover's 5-Pack $17.95/each

Kapton Polyimide

One promotion above 1st Lieutenant Polyimide? Nope-- tape material that makes duct tape hang its head in shame. Kapton polyimide is used in everything from flexible printed circuits, to the Apollo moon missions, to cryogenics. In this case, it's a 1/2" wide x .0025" thick adhesive tape on a 36-yard roll. Has a normal tensile strength of 30 lbs, insulates up to 7500V, and has a working temperature from -100F to 500F. High temp tolerance makes it perfect for masking during powder coating. Made in the USA.

46017 Kapton Polyimide Tape $6.95/each

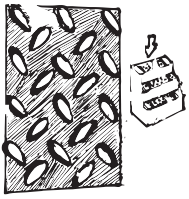
Aluminum, On A Roll



Mega-useful aluminum tape. A 2" wide, 50-yard roll of .004" thick aluminum on a 3" core. It has a paper backing and is conductive on the non-adhesive side. Reflects heat and light, useful for seaming riveted aluminum sheets, particularly good for cold weather and metal repairs. Our fisherman friends love to wrap wooden lures with it and work it with a piece of soft wood for metal-finish effects.

38113 2" Aluminum Tape $7.95/each

Tread On Me



Add these heavy-duty black rubber treads wherever you need extra safety. In a raised pattern the same as diamond steel plate, each tread is 17-1/2" x 4" x 1/4" thick with a peel-off, self-adhesive back. Put 'em on stairs or in the workshop, garage, pool house, deck or shed.

47267 Rubber Treads $3.75/each

Treads For The Treadless

Add these heavy-duty black rubber treads wherever you need extra safety. In a raised pattern the same as diamond steel plate, each tread is 12" x 12" x 1/4" thick with a peel-off, self-adhesive back. Put 'em on stairs or in the workshop, garage, pool house, deck or shed.

97171 12" Sq. Adhesive Treads $6.50/each

Glow In The Duct

Gray is for taping ducts. You need something completely different, which is why we invite you to amp up your tape inventory with (10) feet of 1-7/8" wide glow-in-the-dark tape so you can see what you fixed at night.

45473 GITD Duct Tape $3.50/each

Driving Us Krazy

We've been trying to think of something new to say about Krazy® Glue, since everybody already knows everything about it. It's #1—says so right on the package, and you know the law. This is a 2-gram tube of the Ultra-Thick gel formula for porous surfaces, with a precision tip. Everyone needs a few fresh tubes of this stuff in a drawer at home—just in case—which, again, is nothing you don't already know. Time to stock up.

48176 Krazy Glue Gel $4.50/each

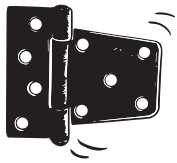
Felt Needs Fulfilled

Save your hardwood floors and tabletops with this roll of 1/2" wide gray felt padding on a 5-foot roll. Cut it to length, peel off the back and stick it on the bottom of all your scratchy stuff. It's just plain responsible to protect your surfaces and your furniture, and you'll make you mother proud when you do it.

48214 Felt Padding $4.50/each

NEW!

Let's Swing



These Bulldog Hardware steel gate hinges are black and measure 4-1/2" tall. Outside plate is approx 3" square with a slight taper and (4) 1/4" bores. Inside plate is 4" long x 1-3/8" with (4) staggered 1/4" bores. Hinges swing 270 degrees for fully opened gates. You're going to need at least two unless you're making a cat flap.

48280 Heavy-Duty Gate Hinge $2.95/each

Hook Your Own Loops

Staggeringly useful hook-and-loop fastener tape for do-it-yourself fastening and hanging needs. And trust us, the more you buy, the more uses you'll find. You get (2) strips (yes, one with hooks and one with loops) in black, measuring 1m long x 20mm wide, which in English is approx 39" long x 11/16" wide.

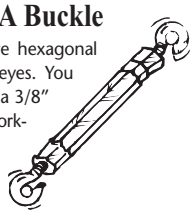
93257 Hook & Loop, Black $1.95/each

Heavy Duty Split Ring

These are the split rings with the beveled profile, the good ones. The bevel and the largeness of these rings translate to fewer chipped fingernails and blurted-out obscenities. Measure 1-1/2" dia x 1/8" thick, in steel, and hold a bunch of keys.

42897 Big Split Rings $2.95/pkg(20)

One Good Turn Deserves A Buckle



From Stanley®, these turnbuckles have hexagonal aluminum bodies with stainless steel eyes. You pick: the 3/16" x 5-1/2" long one with a 3/8" body, 9/32" ID eyes and a 65-lb safe working load; or the 1/2" x 7-1/2" long one with a 7/16" body, 3/8" ID eyes and a 110-lb safe working load.

45913 Small Turnbuckle $2.50/each
45914 Large Turnbuckle $3.95/each

Worth Springing For

No large ones, but (101) amazingly assorted small extension, compression and torsion springs — most, but not all, 1" to 2" long. Assorted lengths, assorted widths, assorted finishes, asorta handy bag of replacement parts to have around the house.

92272 101 Asst Springs $5.65/each

Hefty Furniture Haulers

Two guys from our warehouse and a truck? Sorry, our guys aren't all that hefty, but we can lend you a hand with this Hefty Haulers Furniture Moving Kit. Lifts up to 2,600 pounds (which is about 2,400 pounds more than any two guys in our warehouse can lift anyway) with the lever/crane, and lets you wheel up to 960 lbs. of stuff around on (4) handy little trolleys (240 lbs. max each). Slide the lever under the corner of the fridge, washer, sofa, file cabinet or any other weighty item, lift it off the floor, slide a trolley under it, repeat on the other three corners, and roll the item along. Trolleys rotate 360 degrees and have swivel wheels. Kit includes a lever, cradle and (4) trolleys, plus (4) risers and (4) mini-risers for items with longer legs. Works on wood, tile and floors with short-pile carpeting. Truck not included.

97214 Furniture Movers $14.95/each

Get The Hooks

Hang it all with this set of (10) magnetic hooks. The 1-3/16" long x 9/64" hooks screw into 1-3/8" dia magnetic bases with an approx 8-lb pull, which is lighter than most jackets and keys. Good for horizontal or vertical mounts, and dandy for adding hooks to gym or school lockers.

95007 Magnetic Hooks $6.95/each

NEW!

Sticktoitiveness

Actually, in this case, it's sticktoitselfness, because nothing sticks to itself like genuine Velcro®. Have a gander at our sticky, stickier and stickiest hunks of the stuff invented by an engineer who took a good look at the burrs sticking to his dog and socks after a woodland walk. You pick: a dozen general-purpose peel-and-stick 7/8" squares, in white; a dozen general-purpose peel-and-stick 7/8" squares, in tan; (2) Extreme Outdoor, UV and weather resistant 4" x 2" gray strips that will stick to rough surfaces and hold up to 15 lbs; or (2) Industrial Strength 4" x 2" black strips rated to hold 10 lbs.

48226 White Velcro Squares $1.95/each
48187 Tan Velcro Squares $3.95/each
48184 Outdoor Velcro Strips $3.95/each
48185 Heavy Duty Velcro Strips $3.95/each

Deluxe Twist Ties

These are the gold standard of twist ties, not to be confused with those skinny little suckers that come on all electronic cords in the known universe. These are Gear Ties®, coated in protective, grippy black rubber with heavy rubber tips, 3" long x 1/8" dia (they look sort of like boot laces with match heads on the ends), suitable for indoors or outdoors, reusable veritably ad infinitum, and oh so satisfying to twist and creatively crimp. You pick: the (4)-pack of 3" long ties; or the (2)-pack of 12" long ties.

96839 3" Ties 4-Pack $4.50/each
96840 12" Ties 2-Pack $5.35/each

Stick 'Em Up

Now you can have a good, strong hook without drilling any holes. This plated magnetic hook sticks to any ferrous metal surface via a 2" dia alnico magnet with a 10-12 pound pull. Handy gadget to hold a tool, towel, broom or key ring (and if the ring is too heavy, consider throwing away the keys to your 1983 Chevy, and maybe a few more). The 3/4" long J-hooks have threaded ends and are removable. Our each is a package of (2).

93933 Strong Magnetic Hooks $3.50/each

NEW!

Hang It Up

As long as it's pretty small. These self-adhesive, removable hooks from 3M are made to hold up to 8 oz without damaging surfaces. Measure just 1-1/4" tall x 3/4" wide in white, and are just like the insanely expensive ones they sell at the biggest box stores in your neighborhood. You surely have a dozen uses for these, or you will at some point.

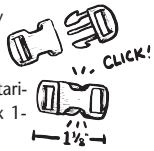
48224 Command™ Hook 3-Pack $2.95/each

Soft Twisties

Cut your own. Our each is 16 feet of blackflexible wire coated with 3/16" dia soft rubber, ready for you to snip off for your heavy-duty, padded twist-tie needs. Very nice stuff. Reusable. We're thinking cable bundling, sports equipments, tools, hoses, like that.

93491 Soft Twist Tie $4.65/each

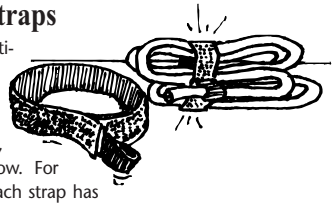
The Little Black Dress Of Buckles



Eggs comes in sets of a dozen so why shouldn't molle buckles? Use these (12) plastic buckles to make cool paracord bracelets or to fasten something more utilitarian. Each buckle measures 7/16" x 9/16" x 1-1/8" when connected.

96849 Molle Buckles $1.95/each

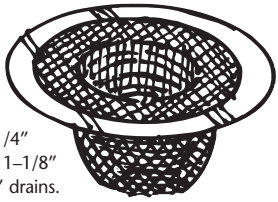
Color-Coded Straps



For bundling and identifying cables. Our each is a 10-pack of 7" long hook-and-loop tape, (2) each in red, green, black, blue, and yellow. For the superorganized, each strap has a small violet, scarlet, lime, gray, or orange loop tab on the end for attaching the bundle to something and further color-coding it.

93245 10-Pack Strapping $1.95/each

Plumb Cheap



Our each is a set of (4) removable sink strainers with stainless steel mesh wells and flat rims. The set includes (1) 4–1/2" dia for 2–1/4" drains, (1) 2–3/4" dia for 1–1/8" drains, and (2) 2" dia for 3/4" drains.

92458 Sink Strainers $1.95/each

O–Wow!

This fitted, hinged plastic box from American Tool Group would be worth buying even if it didn't come with hundreds of O–rings. And it does. Black nitrile O–rings. Sorted by size. O–rings that will stay in their places until you need them. The 407–piece set includes 32 sizes, from 1/4" OD x 1/8" ID x 1/16" to 2–1/4" OD x 2" ID x 1/8". It includes the size you're going to need. At your fingertips. Instead of in aisle 12 at the home center.

92285 O–Ring Assortment $15.95/each

Rings-N-Spring-Clip Things

The package says these are "zipper pulls" and it could be right, but we know them as 1" dia steel split rings with 1" long spring clips that open to approx 3/16". Our each is a pack of (18). Go pull a zipper, or make a bunch of key rings.

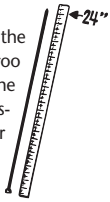
47617 Zipper Pull 18 Pack $3.95/each

Swivel & Snap

Wallace's pooches before Gromit came along? Nope, just a handy 2-3/8" long x 3/8" ID steel snap hook attached to a 13/16" ID ring that swivels 360 degrees. In some fashion circles, hanging your keys from a belt loop of your jeans with one of these is considered mandatory.

70583 Swivel-Snap Hook $3.95/pkg(4)

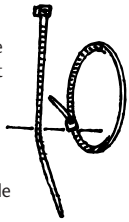
The Big Zipper



Sometimes an ordinary zip tie just isn't going to do the job. When you need, for example, to tie your kangaroo down, sport, these monster black nylon ties are the answer. You'll get a package of (25) ties, each measuring 23" long x 5/16" x 1/16" thick and rated for 176 pounds of tensile strength and temps up to 185 degrees. Will wrap around stuff just shy of 7" dia.

97069 23" Long Cable Ties $6.50/each

Zip It Up



IIn black. Our wire ties will tie things up, tie them down, or bundle all those errant wires into a nice neat package-and make that satisfying zzzziiiiiiip sound while they're at it. We love that sound. Our each is a pack of (100) ties 7-3/8" long x approx 3-16" wide with 50-lb tensile strength for bundles up to 1-3/4" dia. UL.

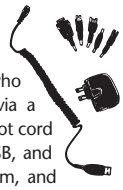
93187 7" Cable Ties $3.90/each

Bunch-O-Bundlers

From 3M, our each is (30) black bundling straps, 1/4" wide x 8" long. They close tight with hook-n-loop fabric their entire length. Will bundle stuff approx 2-1/2" in dia. Easy-open tabs save your fingernails. Never let your extension cords, cables, ropes, holiday lights or pet snakes get all tangled up again. You won't know how you got along all those years without these handy little buggers.

48216 3M® Bundling Straps $5.75/each

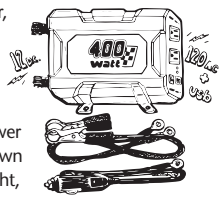
Short Circuit Much?



This switching 5VDC 1 amp USB power adapter features short-circuit protection and draws just 0.13W no load if you're the sort of person who leaves it plugged in all the time. Output is via a female USB-out and comes with a polarized 4-foot cord and (8) different plugs, among them a mini-USB, and barrel connectors at 4mm/1.7mm, 3.5mm/1mm, and 2mm/0.7mm, plus others for Sony/Ericsson, Motorola, Nokia and Samsung phones from yesteryear. AC plug folds for storage.

47540 Power Adapter $10.75/each

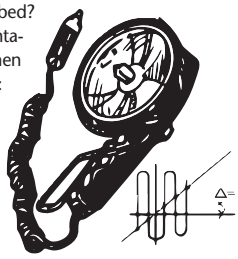
Mountable Power Inverter



Extra-nice power inverter for any car, truck or boat to convert 12VDC power to household 120VAC. Includes a mounting bracket, (2) AC outlets and (2) USB ports, with overload and thermal protection, a power on/off switch, low-battery shut-down option, LED status indicator, map light, DC power cord to plug into accessory outlet, and battery clips. 400W continuous, 800W peak power.

48165 400 W Power Inverter $34.50/each

Toward An Oranger You...



Can't afford a home tanning bed? Worried about salons in these contagious times? We share your ashen outlook, and here's our solution: the handheld, quaintly named Tan-O-Matic®. With a few waves of this magic-ish wand, in less time than it takes to make toast, you'll have a classic fourth-day-of-vacation bronze about you. Uses patented UvMW (ultraviolet microwave) technology to tan human skin in 18 to 24 seconds. Hold wand 10" to 12" from your limbs or face and wave away, like you work in airport security! Perfect for touch-ups before Zoom meetings or just to look a tad less cadaverous when the UPS driver arrives. Includes power adapters for standard wall outlets, USBs and the accessory plug in your car so you'll never be more than a wave away from a tanner you. Measures 9-1/4" long with a 4-1/2" dia business end. Barb says it will caramelize the sugar on a creme brulee, too!

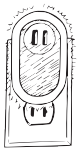
12345 UvMW Tan-O-Matic® $123.45/each

Tweeze Your Buttons

These super handy little tweezer-style battery testers are made for checking button-cell and 3V lithium coin-cell batteries, but they've got a wide enough spread for everything from "AAA"s to D-cells. Red and black arms designate the +/- sides, and an LED at the base lights up if the battery is good.

94595 Tweezer Testers $3.50/each

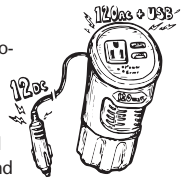
Little Red Charging Light



A fairy tale for our times, with no wolves or grandmothers. This dual output 2.1A USB charger measures 3-1/2" x 2" x 1-1/2", and doubles as a night light with a glowing outer ring. Has a switch, and the plug flips down for storage. Add a little smile below the USB slots with a marker and you'll feel better every time you plug something in. UL listed. Input 120-240VAC.

48262 Dual USB Nite-Lite $7.50/each

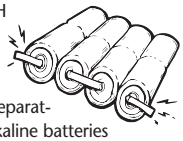
Power To The People



This 120W power inverter has an accessory plug, dual USB ports and a 12V outlet for converting an auto or boat's 12VDC power to 120VAC household power. Designed for charging personal electronics, and operating small tools and appliances. 400W peak capacity, max 1.04A. For your added convenience, it's designed to fit in most cup holders.

48164 120 W Power Inverter $24.95/each

Alkalines A-Go-Go



It's a surplus bonanza! These 1525 mAH 12V alkaline battery packs have (8) 1.5V "D" cells stacked in (4) plastic-wrapped columns of (2). The pack is soldered together, and can be used as-is or easily separated and used as extremely long-lasting alkaline batteries for devices. New, but originally intended for use in medical equipment. MFG date of 06/2019 so they are fresh!

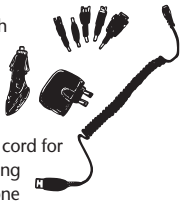
48235 Alk. D-Cell Battery Pack $12.50/each

Work From Your Car

In a world where the new biggest lie is "I'm working from home today," you can now honestly say "I'm working from my car," at least until you get to the golf course. This regulated power supply for your laptop and other devices takes 12-24V via a 20" cord cigarette plug with output voltages from 1.5 to 12V in 1.5V increments. Output is via a 5-foot cord with modular socket and (7) different plugs, including (2) miniplugs. Has a 2A max output and is RoHS compliant. Fits most laptops.

47546 Car Power Supply $12.50/each

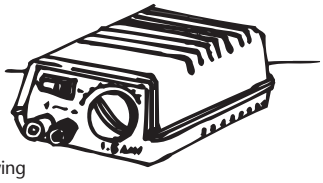
Very Adaptable Chargers



We've got (2) great chargers here, both with a 5VDC 500mA standard USB output. One has a standard 100-240VAC wall adapter with LED indicator, and the other has a fused 12VDC cigarette-plug adapter. The set comes with a 24" coiled cord for USB to a 3.6mm (1.1mm) jack, a matching barrel connector and--as a bonus for anyone who's still using them--power connectors for Ericsson T-28, Siemens C55, Motorola V66 and Samsung A300 phones.

47553 USB Charger Set $7.50/each

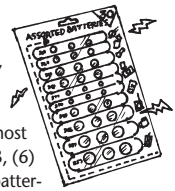
Power Supply



This MW® regulated power operates on 120 VAC and delivers constant accurate power to a video game, radio, portable TV, or any device drawing up to 2.0 amps. The 5 1/8" x 3-7/8" x 2-5/8" housing has a rotary dial to designate 3, 4.5, 6, 7.5, 9 or 12 VDC output, and heavy-duty red and black binding posts. Automatic short circuit and overload protection and thermal cut-off. Add the mini plug kit or the alligator test clip leads. The mini plug kit contains six of the most popular DC plugs for DC powered devices such as portable TV sets, video games and radios. "Gator" clips are 36" long with one red and one black lead.

92535 2A Variable Pwr Supply $33.50/each
93921 Mini Plug Kit $7.95/each
94358 Banana-gator Test Leads $3.95/each

Button, Button...

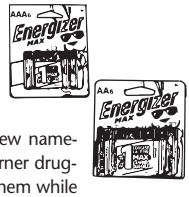


who's got the button? You do, which means you don't have to go the drugstore when your watch, calculator, camera, radio or nearly anything else stops. Be prepared for electronic quitters with this 30-pack of button cell batteries in the most popular sizes. Our each is (6) AG1, (6) AG3, (6) AG4, (3) AG5, (3) AG12, and (6) AG13 batteries. (Some devices may call these G1, G2, etc., or have other arcane codes for these same sizes.) Brand new!

93241 Assorted Button Batteries $2.95/each

NEW!

The Bunny Stops Here



We just got a fantastic deal on the real deal Energizer ® batteries. Each is a pack of (6) "AA" or "AAA" for smoke detectors, game controllers, thermostats, flashlights, radios, tv remotes, wireless devices and need we go on? You won't see brand new name-brand batteries this cheap at the corner drug-store. These are a real treat so get them while they last. Expiration date on our sample says 12/2029.

48249 Energizer® AA 6-Pack $4.95/each
48250 Energizer® AAA 6-Pack $4.95/each

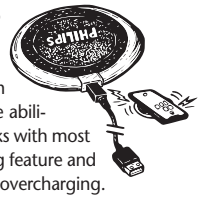
It's Your Nickel

So you get to pick from our new Nickel-Metal Hydride rechargeable battery bargains. You get a 4-pack of either "AAA" 1000 MAH or "AA" 2600 or MAH NiMH batteries, the recommended choice for electronics, cameras, games, cordless phones and toys.

93698 "AAA" NiMH Rech. Batt. $6.95/each
93697 "AA" NiMH Rech. Batt. $11.50/each

NEW!

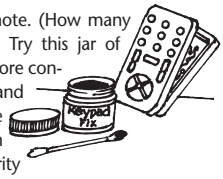
The Qis Stands Alone



Ditch the wires and start picking up good vibrations with this excellent wireless Qi charger from Philips. This 3-1/2" round disc with an anti-slip bottom is like a coaster for your phone with the ability to quickly recharge your phone. Works with most smartphones with an inductive charging feature and has protection against overheating and overcharging. The LED charging indicator turns off for your sleeping convenience. Comes with a 6-foot micro-USB cord, but you supply the power supply—most 9v or 5v rated for 2A outputs should do it. Yes, your phone must have an inductive charging feature.

48486 Philips® Wireless Charger $14.50/each

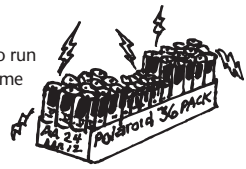
Restore Your Remote



Don't toss it and buy a universal remote. (How many things are really universal, after all?) Try this jar of Keypad Fix, designed to clean and restore conductivity to the carbon on the keys and the copper PC board pads that make up the rubber-coated switches on remotes, game controllers, and security keypads. Contains enough to coat over 200 button contacts.

93683 Keypad Fix $4.95/each

Battery Bonanza

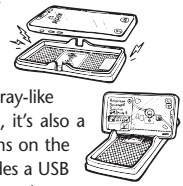


When you run out, you have to run out and buy more. Stay home with this pack of (24) "AA" and (12) "AAA" alkaline batteries from Polaroid. Box says they're good until 2027.

43563 36-Piece Battery Pack $13.20/each

NEW!

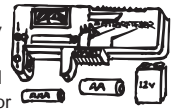
You'll Get A Charge Out Of This



Made to work with any wireless charging-enabled device, this inductive charging pad measures 7-1/2" x 4" in flexible non-slip silicone for gripping any surface, including dashboards. Designed with a tray-like depression, so phones won't take a hike, it's also a phone stand so you can see the directions on the GPS maps. Though wireless, it also includes a USB charging cable, which we think is a nice touch.

48182 Wireless Charger/Stand $14.50/each

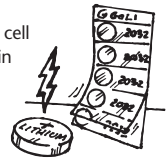
Battery Tester



Knowledge is power – in this case, battery power. You'll know from the easy–to–read gauge on this black–plastic handheld mini–tester whether a battery is good, low or needs to be replaced. The 4–1/4" x 2–3/8" x 1" testor reads "AAA," "AA," "C," "D," 9 volt, 1.5 volt button, and other sizes.

91981 Battery Tester $4.95/each

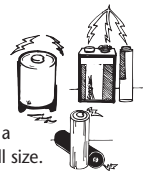
Lithium Five-Fer



The pentapack: You pick (5) 3V lithium coin cell batteries, CR2025, CR2032, or CR2016 still in their packaging, for a price that looks like a single battery, because you're smart enough to shop here. Looking for a large quantity? Try our (20) pack for huge savings!

93242 CR2032 Lithium (5) Pack $2.95/each
40919 CR2032 Lithium (20) Pack $7.25/each
93995 CR2025 Lithium (5) Pack $2.50/each
96879 CR2016 Lithium (5) Pack $2.50/each

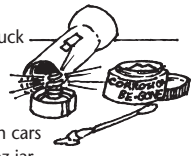
Reliable Batteries



Generic batteries that stand up to the big boys! These are very good alkaline batteries, and they seem to last just as long as the name brands when tested against them. Our each is a pack of (1), (2) or (4), depending upon the cell size.

92294 Batteries, (4) "AAA" $1.95/each
92293 Batteries, (4) "AA" $1.95/each
92295 Batteries, (2) "C" $2.75/each
92296 Batteries, (2) "D" $3.50/each
92297 Battery, (1) 9–Volt $1.95/each

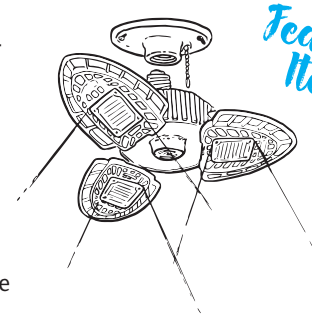
Clean Your Contacts



Works on all of them except the ones stuck to your eyeballs. Corrosion-Be-Gone is a gel made to remove the schmutz from all types of battery terminals, circuit boards and contacts, on everything from cars to computer boards. Our each is a 0.3 oz jar.

93684 Battery Goop $4.95/each

Shine A Brighter Light

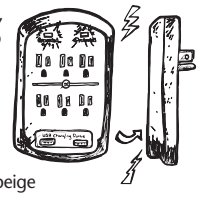


Featured Item!

Turn your garage into Rick's Cafe in Casablanca with this easy-to-install adjustable three-arm ceiling/task light that shines a stunning 6,000 lumens into garages, workshops, closets and storerooms. A total of (144) cool-white SMD LEDs—(48) in each of the arms—swivel 90 degrees to illuminate corners, crannies and projects. Screws into standard light sockets and requires no tools or wiring. Measures 11" x 3-3/4", has an estimated 50,000-hour lifetime. ETL Certified. Better hurry—the AS&S staff are throwing away their regular light bulbs and buying these up like lobster tacos. As a bonus, it looks like a ceiling fan in a place like Rick's Cafe Americain. If we can't have Paris, at least we'll always have surplus.

97222 Best Selling LED Garage Ceiling Light $24.50/each

Everybody Needs An Outlet



Take care of them all with this monster, grounded and surge-protected wall tap with (6) outlets plus (2) USB ports--and everybody needs USB ports. Converts a standard double outlet to an 8-way source that will support up to 15 Amps. USB puts out 2.1 Amps. Measures 5-5/8" x 3-1/2" x 1-5/8" in a light gray/beige color. ETL listed. Even includes the center screw (most don't) to anchor it to the wall plate so it wont pull out!

96598 6-Way Wall USB Tap $10.95/each

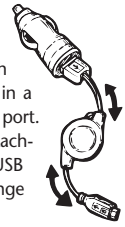
Wall-Hugger Outlet Tap

Converts (1) grounded outlet to (3) outlets, oriented so that the plugs you add run along the wall, not perpendicular to it. In dark green, with a 15A maximum. Indoor use only. UL.

93926 3-Outlet Tap $3.25/each

NEW!

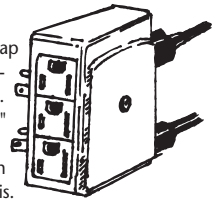
Dodge Charger



Actually, it's a high-speed phone/device charger for the accessory plug in any car—we just said Dodge Charger for a joke, which people expect. This 2.1A rapid charger fits in a cigarette lighter plug, and has a built-in USB port. Comes with a retractable, 3-foot cord attachment with a USB plug at one and a micro-USB at the other. You pick the purple, green, orange or blue pair to match your car, hair or eyes.

48375 Purple Charger $3.75/each
48376 Green Charger $3.75/each
48377 Orange Charger $3.75/each
48378 Blue Charger $3.75/each

Six-Way Flat Outlet



A handy space-saver, this 6-outlet tap expands a double outlet (with grounded plugs) to take (6) grounded plugs. In off-white plastic, it measures 4-3/4" x 3-1/8" x 1-1/4" thick, with the outlets on the long sides. The plugs run in the same direction, along the long axis. Can also be flush-mounted if you remove the existing wall plate, since it will take a long screw through to the outlet threads. Rated for a maximum of 15A. Great for behind furniture, TVs, etc. UL.

93661 6-Outlet Side Tap $4.95/each

Testing Electric Alligators?

Tired of having to hold your old, worn test leads just so to make a connection? Then it's time to upgrade your test bench. Our each is a set of (4) 36" long test leads with 16AWG wire, and booted 3/4" alligator clips on each end. You'll get (1) each in red, black, white and yellow. Also handy for hanging photos in your darkroom and laundry when you run out of clothespins.

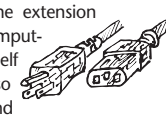
95615 Test Leads $6.50/each

Clip Lead Set

Ten electrical leads with an alligator clip on each end. Each lead is about 20" long, not counting the 'gators. Vinyl coated 28 ga. wire with a vinyl cover over each clip. They come in an assortment of five colors with two leads in each color. The manufacturer calls them heavy duty but we would restrict them to the light currents and low voltages you will be using in your home experiments. Our each is a set of (10).

11586 Aligator Clip Leads $4.75/each

Make Your Electricity Go Farther



Our 6-foot long beige 18/3 AWG line extension cord with a female IEC plug (think: computers) is just the thing you've found yourself needing about 100 times in your life so far. Pick up a few and have them on hand once and for all. UL.

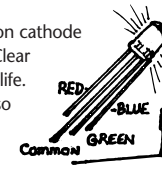
47172 6-foot Extension Cord $3.95/each

Neatness Counts

Neatness definitely counts. Even in wiring. Especially in wiring. End those electrical mare's nests with this 6-position barrier strip, rated for up to 30A at 600V. Comes with a clear plastic cover with access to the screw terminals and measures 3-5/8" x 1-1/4" x 5/8" with a 5/16" mounting hole at each end. Terminals are in pairs.

93962 Barrier Strip $5.25/pkg(2)

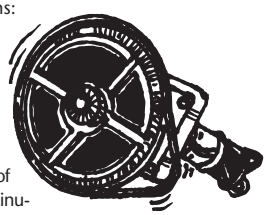
LEDs-R-Us



Our each is a pack of (10) common cathode 5mm dia red/green/blue LEDs. Clear lens, 20mA rated for 100K hour life. 3V supply will work for all. You also get 100 Ohm and 510 Ohm resistors to step down 5 and 12VDC respectively. Luminous intensity is 4,000 mcd.

94879 Multi-Colored LED Pack $8.25/each

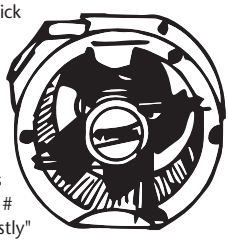
Gear Motor



Attention robotics boffins: Here's a nice, powerful 12-24VDC Mabuchi brush motor with a gearbox and pulley attached. At its nominal 24DC, it spins 45rpm, draws 280mA no load, and stalls a 750mA. 7.5 in-lbs of torque and is rated for continuous duty. Has a 3/4" long x 5/16" flattened shaft with a 4-5/8" dia x 5/16" wide (3/16" ID) single-sheave pulley attached, with a matching O-ring. The gearbox measures 2-3/4" x 3" x 9-1/16". The motor measures 1-1/16"dia x 1-5/8" long and comes with 7" leads and a 2-pin Molex connector.

37837 Motor W/Pulley $14.75/each

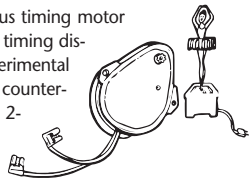
Have You Seen The Muffin Man?



Muffin fans, pay attention. You pick the "nice" 110 VAC 21W fan from Thermocool, measuring 4-3/4" square x 1-1/2" thick with an offset two-pin power connector, rated for 82-95 cfm and spinning at approx 2600 rpm, with five blades and 3/16" mounting holes at the corners (Mfr part # G12038HA1ST); or the "beastly" 110VAC 36W muffin fan from the same mfr, which blows up to 198 cfm at 2900 rpm and measures 6-3/4" x 6" tall x 2" thick with (2) power terminals on a removable shroud, 5 blades, 5/32" mounting holes on the corners plus a ground lug. Both UL.

95385 Small Muffin $14.95/each
95386 Large Muffin $22.95/each

Timing Is Everything



This 115VAC, 50 RPH synchronous timing motor is teardrop-shaped and made for timing displays, sign animation and experimental purposes. Continuous duty and counter-clockwise direction. Measures 2-1/2" x 2" x 1-7/8" with a 0.217" dia (just under 7/32") shaft, a 9-tooth gear and (2) mounting holes on flanges.

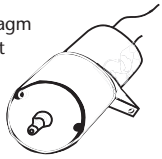
48317 Timing Motor $3.95/each

Fluid Pump

From ET Tech, this series 23 liquid micro-pump draws less than 300mA at 4-6VDC (5VDC nominal) with a liter-per-minute flow rate and up to a 3-foot lift. Not submersible, but suitable for hot-water apps and continuous duty. Measures 1" x 1" dia with a barbed 1/4" right-angle inlet and a 3/8" OD outlet on top. Great for fountains!

45693 Micro Pump $7.50/each

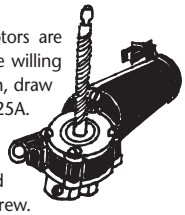
Diaphragm Air Pump



Great little 12VDC oil-less diaphragm style air pump. For you techies out there it draws 40-300mA, 2.0 Litres/min, 350mm Hg max pressure. These are takeouts but in great condition. Outlet port is 5/32". Overall size 2-3/4" x 1-1/16".

40666 12 VDC Air Pump $3.50/each

Move Your Butt

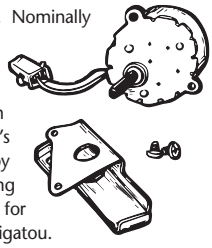


These brand-spanking new 12VDC motors are made to move automobile seats but are willing to change. They spin at approx 190 rpm, draw 1.5A no load, and stall at approx 25A. Threaded shaft is at a right angle and is 4-1/8" x 7/16". Shaft thread is non-standard, so treat it as a smooth shaft and mount pulley or gear with a setscrew. Measures 5-5/8" x 2-1/2" x 2-1/2" overall, not counting the shaft, and has power terminals opposite the gearbox with (2) 1/4" mounting holes opposite the shaft.

40588 Car Seat Motor $14.75/each

NEW!

Go For A Short Spin



...with this nice little gear motor. Nominally rated for 24VDC and draws .2A with no load, this motor spins clockwise at 24RPM. The motor measures 2" X 1-1/8" and comes on a mounting bracket, but that's removable. Shaft size is 3/16" dia. by 1/2" long, making the whole shebang measure 4" x 1-3/4" x 2". Rated for intermittent duty. Made in Japan, arigatou.

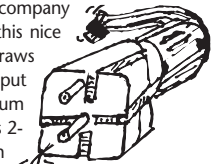
48316 24 Volt DC Gear Motor $9.50/each

Submersible Pumps

Here are the ins and outs of submersible water pumps for your DIY fountain.These small electric pumps run on 24 VAC (For low energy consumption.) from the included wall outlet adapter, are rated for continuous duty, have (3) suction-cup feet, an adjustable flow control and both a straight and 90° 5/16" tubing adapter. This little pump is roughly 2-5/8" x 1.5" x 2-1/4", has a 6-ft power cord with an in-line switch, and pumps 70 gal/hr @ 1 ft lift. Plug it in and go with the flow. Indoor use only.

91348 Indoor Water Pump $14.95/each

Pump The World!



From Koge Micro Pump Co. (company motto: Let's PUMP the World!), this nice little diaphragm air pump draws approx 400mA at 12VDC and will put out 3 liters a minute with a minimum pressure of 400mm/Hg. Measures 2-3/4" long x 1-1/4" square with 1/4" long x 5/32" dia inlet, and outlet barbs. Part #KPM32E.

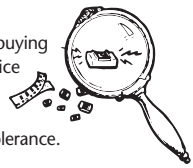
47077 Koge Air Pump $5.75/each

Mini Air Compressor

Nifty device that takes maxi air and squeezes it down into a mini condition. The device is roughly 6-1/2"" long x 6" tall x 4" wide. It has a 10 ft. cord that plugs into an auto lighter socket: i.e. it runs on 12VDC @ 10 amps. Air output is via a 12" hose with a variety of valve adapters for tires, soccer balls, rubber rafts, and just dusting off the environment. Complete with a 0-250 psi gauge. Which should be plenty of pressure to explode a weak bike tire or flimsy beach ball, so please be careful!

23271 12 Volt Air Compressor $21.95/each

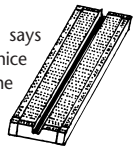
Resistance Is Futile



People say they just can't help buying these 1,700 surface-mount device resistors. That's (20) pieces each at (85) different values between 1 ohm and 10M ohms, with a 5% tolerance. Don't even try to resist these.

47544 Surface Mount Resistors $9.95/each

You Say Breadboad...



And the manufacturer, Elenco Electronics, says Bredblox, but what's in a name? These are just nice little breadboards for electronic experiments. The Elenco Model 9830 measures 6-1/2" long x 2-1/8" wide x 5/16" thick with (2) power busses up both long edges and (63) double rows of more busses. The holes for components and jumper wires are approx .050" each and multiple boards can be interlocked via tabs and ports on the long edges. Now go invent something and get rich.

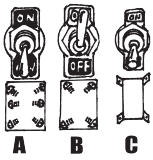
93061 Prototyping Breadboard $8.50/each

Microswitch

This little (although we suppose that goes without saying) microswitch from Defond is rated for up to 6A at 125VAC or 3A at 250VAC, 1/3HP. The like-new takeout has both N/O and N/C contacts. Measures just under 13/16" x 7/16" x 1/4" with a 5/8" bat. UL.

40670 Microswitch $3.25/pkg(5)
40670P40 Buy in Bulk! $9.95/pkg(40)

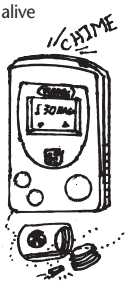
Wanna Toggle?



The correct answer is "I don't know; I've never toggled." If, however, you just want to turn something on and off, here's a choice of toggles for your switching delectation. The DPDT toggle is rated for up to 20A at 125VAC and has screw terminals below. Measures 1-1/4" x 1-3/4". No center-off position. The first DPST toggle is rated for 20A at 125VAC or 15A at 250VAC. Screw terminals on the bottom. Measures 1-5/16" x 3/4". The smaller DPST toggle is rated for up to 4A at 125VAC or 2A at 250VAC. Has 3/16" spade terminals on the bottom and measures 1" X 9/16". All the toggles come with switch-plates and mounting nuts.

38715 DPDT Toggle 20A (A) $3.25/each
38716 DPST Toggle 20A (B) $2.65/each
38717 DPST Toggle 4A (C) $1.45/each

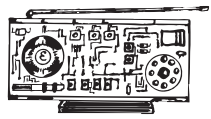
Ten Roentgens & Counting…



If Madame Curie had owned this, she'd be alive today. (She'd be more than 140 years old, of course, but still….) Our Radex RD1503 digital radiation meter evaluates the ambient level of gamma radiation, and can detect objects polluted by beta active radioactive nuclides. It uses a Geiger counter to detect the amount of gamma radiation within 40 seconds. It indicates the ambient dose equivalent in ?Sv/h (0.05 to 9.99) and the ?Rem/h exposure dose rate on a scale of 0.1 to1.25. The values are displayed on a 1-3/4" x 1-1/8" LCD screen. The presence of each particle is indicated by a clicking sound, for quick identification of affected areas, and it has an audio alarm with 3 adjustable ranges. The unit measures 4" x 2-1/4" x 1" and comes with a detailed manual and technical certificate. Requires (2) "AAA" batteries. Made in Russia. CE.

93647 Radiation Meter $199.95/each
92294 "AAA" Alkaline Batteries $1.95/pkg(4)

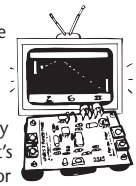
Radio Kit



An advanced kit compared to the others, a little more deluxe and a little more complicated. It is an AM/FM radio kit from Elenco with over 80 pieces divided into lesson groups. PC board shows component placement to help learning and to minimize errors. It has (14) transistors and (4) diodes and the case measures 11"x 5"x2-1/4" Soldering required. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

89018 AM/FM Radio Kit $39.85/each

Remember Pong?



Those new-fangled virtual reality games make you wish for a simpler virtual world? If you have, say, medium soldering skills, your sensory overload is over. Now you can make your own Pong-style, TV tennis game and while away days at a time just like your ancestors did. (It's mysteriously compelling--go find an ancestor and ask.) Will work through any TV with NTSC video (via RCA jack inputs). For one or two players and has (4) levels of difficulty. No case, but there are standoffs. You add a pair of "AA" batteries.

47545 TV Tennis $14.95/each
95162 All-in-One Solder Iron Kit $14.75/each

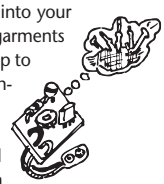
Need Soldering Supplies? Check Out
page 9

Atom Heart

We don't altogether understand the name, but we like this beginners' electronics kit. Has (4) pairs of blue LEDs and a Peripheral Interface Controller (PIC) to cycle through various patterns on a 2-3/8" octagonal PC board with decorative wire coils to give it a steampunkish look. Lights change pattern in a circle, like a certain superhero arc reactor. You add (2) CR2025 batteries.

47539 Atom Heart Kit $14.95/each

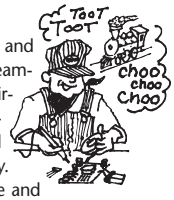
Is That A Scotsman In Your Pocket?



Our electronic MadLab bagpipe kit will slip into your shirt pocket or sporran. No plaid lower garments required, and, as usual, undergarments are up to you. This nice starter electronics kit has a transistor-based oscillator and 8-position stylus-activated "keyboard." Output is via a piezo disc. Minimal soldering skills needed, and assembly should take under an hour. Add a 9V battery for power and you'll be thrown out of class, or recruited into battle, within the first six notes.

95965 Electronic Bagpipes $15.50/each

Just What Choo Need…



if you want to sound like a steam engine, and who among us doesn't? This Velleman® steam-engine sound generator kit comes with circuit board, components, battery connectors, speaker and instruction sheet. You add solder, a soldering iron and a 9V battery. Volume and (implied) speed are adjustable and there's a horn button, so it'll go both choo-choo and whoo-whoo. Great for train hobbyists or people bored with their doorbell.

93802 Choo Choo Kit $16.50/each

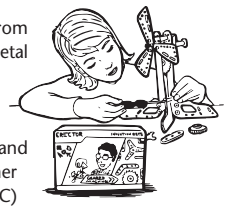
Need A Hand?

Build one yourself and learn about pneumatic and hydraulic technology in the process. The Thames & Kosmos® Mega Cyborg Hand kit is 2020 Astra Best Toys for Kids winner comes with a (52)-page color manual, (203) pieces and (5) experiments. The detachable thumb makes it left- or right-handed, although it's always going to have just (3) fingers, which is all robotic paws really need. Hand is adjustable to 160 degrees, and every finger adjusts to different angles, too, for precision movement. Control knob allows for up to 70-degree extension. No motors or batteries needed—just hydraulics and your own hand. You add some common household tools for assembly. Ages 7+⚠WARNING: CHOKING HAZARD–Small Parts. Not for children under 3 yrs.

97245 Hydraulic Hand Kit $39.95/each

NEW!

Start Your Engineers



Erector™ is a S.T.E.A.M. kit from Meccano™ with (188) plastic and metal parts, (5) blueprints, (3) real tools, and an instruction sheet to start the budding engineer in hands-on work making geared machines and other projects. Meets Consumer Product Safety Commission (CPSC) standards. Includes a card for contacting Spinmaster® with problems or questions. For ages 10+.

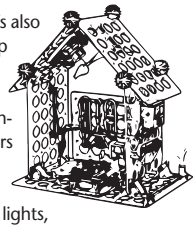
97276 Erector™ S.T.E.A.M. Kit $28.95/each

Catch Some Rays

And teach a kid (8 and up) the basics of solar power. This excellent educational kit comes with (9) 0.5VDC solar cells pre-wired in sets of (3) and mounted in a 5" x 4" x 7/16" black-plastic frame with screw terminals on the bottom. The kit includes a 1.5VDC motor with leads and a mount, a fan blade and (4) plastic discs from 5/8" dia to 2" dia for mounting on the motor shaft, a 1.5V incandescent bulb with leads, a sound module with leads, and graphic cards to mount on the discs. Comes with a 14-page instruction/experiment booklet, including info on increasing voltage and amperage, powering battery charges, radios, games, etc. Lots of science project potential. "Heuristic as all get-out," Jarvis said when he saw it. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

92923 Deluxe Solar Science Kit $20.85/each

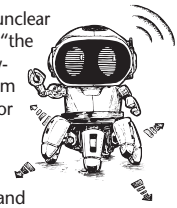
Your House...



…is a very, very, very fine house. But it's also complicated. Best get MyHome, a Snap Circuits® educational kit from Elenco®. Construct a house or tower with working 3D circuits to demonstrate how electricity travels and powers your home. Includes (7) colored base grids. Also features circuits, security systems, dimmer switches, automatic lights, alarms, motion sensors, fan speeds, appliance motors, generators and more. Includes an illustrated color manual with more than (30) projects and (60) parts. Ages 8 up to whatever.

97250 Snap® My Home $59.95/each

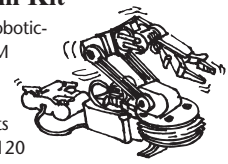
What Has Six Legs & Follows You?



Zivko the Robot. Just call her (or him--it's unclear and we don't like to ask) "Zivko" because "the Robot" is her last name. Using just a screwdriver and side cutters, you build Zivko from this 107-piece S.T.E.M. kit. Set the mode for "Follow Me" or "Explore," and Zivko will, yes, track you, or evade obstacles, respectively, via an infrared sensor and microcontroller programming. Interactive LEDs and sounds abound. Measures approx 5" x 5-1/2" x 6-1/2" when assembled with all (6) legs. You add (4) "AA"s for power, which is the least you can do for someone this cute. Ages 10+.

96931 Zivko Robot $42.95/each
92293 "AA" Alk Batteries $1.95/pkg(4)

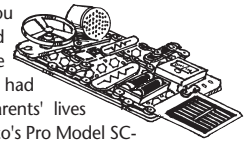
Articulated Robotic Arm Kit



It doesn't get much cooler in the robotic-arm-kit game. The assembled STEM educational arm is 15" tall x 9" long x approx 3-1/2" wide. It's 2-pronged hand opens to 1-3/4", lifts up to 3.5 oz (100g), swings 120 degrees at the wrist, pivots 300 degrees at the elbow, and sits on a base that swings 180 degrees up and down and rotates 270 degrees, like, well, an arm. Controlled by (5) 2-axis joy-sticks and powered by (4) D-Cell batteries that you provide. Includes a hand-mounted search light and over-torque and gear-breakage alarms, which is more than your arm has. Requires a diagonal cutter and Philips screwdriver for assembly of it's 200+ pieces and is made for ages 12 and up. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94014 Robot Arm Kit $52.95/each
92296 "D" Alkaline Batteries $3.50/pkg(2)

More Electronics…More Fun



When is a toy not a toy? When you can have fun with a kid, and build a digital voice recorder at the same time. If the young Tom Edison had had one of these kits, your grandparents' lives would have been a lot easier. Elenco's Pro Model SC-750 is a Dr. Toy winner, from their Snap-Circuits™ series. Has over (80) parts to snap (no soldering) into a grid and learn electronics while building an AM or FM radio, digital voice recorder, burglar alarm, doorbell, and electronic games, among over 750 experiments, including solar, electromagnetism, and computer-interfaced applications. For ages 8 up to adult, it includes a well-written, graphically illustrated instruction manual. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

93444 Snap Circuits Pro 750 $99.95/each

Six-Foot Robot!

His name is Tobbie II, and although he stands only about 6-7/8" tall, he does sport (6) actual feet, which is why he has such an agile, 360-degree, free-rotation body. You build him yourself (easy-peasy if you're over 10) and program him on your computer, tablet or smart phone. Comes out of the box pre-programmed with Assembly Checker and Program #1, so the fun starts right away. Use him as a light tracker or thermometer, or to play rock-paper-scissors or bowling, or as a notice board, calculator or compass, or as a pet who will follow you. He'll do other things, too. Includes a 36-page manual, and all you add is a quartet of "AAA" batteries and some common hand tools.

97027 Tobbie II Robot Kit $77.95/each
92294 "AAA" Alk Batteries $1.95/pkg(4)

Really Big T-Rex

Impressive, this 3-foot Lizard King. The 1:14 scale plastic model of a Tyrannosaurus Rex skeleton has 51 bones that snap together, then snap apart easily for later use, which is more than you can say about the original. Measures 36" long, and comes with a display stand. Bones are nicely aged for paleontological verisimilitude. Very nice kit, with legs, as they say! For ages 8 and up.! WARNING: CHOKING HAZARD–Small Parts. Not for children under 3 yrs.

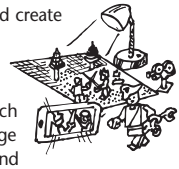
93872 T-Rex Skeleton $54.95/each

It's A Snap

Snap Circuits® kits are perennial faves here at the home office, and this 47-piece kit is an electronic honey. The most fun you can have without a soldering gun, and it'll teach you about electricity and magnetism. You'll learn how the electricity in your house works, and specifically how light switches control electricity, among many other things. Leads to more than (90) projects, and includes a 68-page profusely illustrated manual and a large base grid. The manufacturer, Elenco®, says it's made for ages 8 to 108. You add a trio of "AA" batteries.

97026 Snap Circuits STEM $49.95/each
92293 "AA" Alk Batteries $1.95/pkg(4)

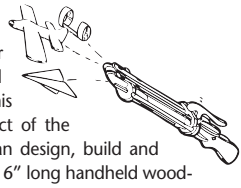
Ready For Your Close-Up?



Make like a miniature Martin Scorsese and create your own (stop-action) movie. Best part? The actors are all Lego® people, who work for free. You'll get (36) assorted Lego® pieces, including mix-and-match characters and props. Includes a 78-page guide with advice for making credits, sound effects, lighting, camera techniques, set design, backdrops, storyboards and a bunch more. If Hitchcock had had this kit, Janet Leigh might have survived the shower scene. WARNING: CHOKING HAZARD–Small Parts. Not for children under 3 yrs.

96446 Lego® Movie Kit $24.95/each

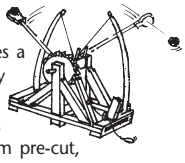
It's Plane Simple



What's the worst part of throwing a paper airplane, besides the teacher catching you? Consistently and repeatably launching them! With this 2019 Creative Child Award Product of the Year winner, budding engineers can design, build and scientifically test their designs. The 16" long handheld wooden launcher uses foam pads and rubber-bands to send balsa, paper, cardboard, styrofoam and straw planes skyward. Adjust the thruster strength and launch angle to test with scientific accuracy and gain friendly bragging rights. Kit includes a 20-page booklet with plane designs and ideas, paper and card stock. A fun S.T.E.A.M. kit for indoor/outdoor use and intended for 14+.

97166 Sky Surfer Launcher $18.50/each

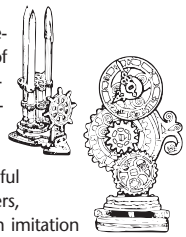
Launch Like Leonardo



Based on drawings from DaVinci's Codex Atlanticus, this Pathfinders catapult kit uses a pair of tension arms as springs to launch clay balls over (4) meters at enemy fortifications. The assembled model will be approx 9" tall on a 10" x 7-1/4" base. Made from pre-cut, untreated wood from sustainable forests, and built with pegs for added strength and verisimilitude. For ages 12 and up. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94075 DaVinci Catapult $19.95/each

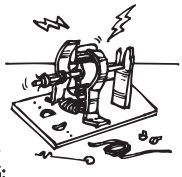
U Up For Ugears?



UGears® is the model company that specializes is wooden steampunk versions of otherwise simple objects, perfect for perfectionist painstakers who revel in constructing complicated kits. (You know who you are.) In this case, you pick: the (43) piece Steampunk Clock, a beautiful collection of gears, lacy ornament, flowers, stars and a moon that you make into an imitation clock approx 2" x 3" x 5" when done; or the Wheel Organizer, the world's most delightfully complicated desktop pencil and pen holder. The (51) parts include wheels, gears and slots that deliver the pencil of choice when you turn the big ship-like wheel. Finished model will be 4-1/3" x 3-1/2" x 3-2/3". No glue or special tools needed, and you can paint or stain them if you like.

97189 Steampunk Clock $9.95/each
97190 Wheel Organizer $9.95/each

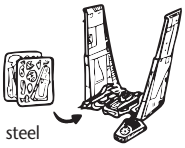
Motor Along



Everything you need to build a little DC motor is included in this kit (except sandpaper, screwdriver, scissors and, of course, an AA battery). The instructions are simple and explain the theory as well as assembly. Fun and educational. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

91508 Toy Motor Kit $8.50/each

Take The Shuttle



From the world of Metal Earth® Kits, the domain of the sure-handed, come these museum-quality 3D steel Star Wars™ models of an Imperial Shuttle and Kylo Ren's Command Shuttle. Clip the shiny steel parts from their matrix and assemble them with a tweezers—no glue, solder, or anything else but a steady hand required. Finished pieces will be approx 4" tall. For ages 14+ on account of they're toughies to assemble, but worth the effort.! WARNING: CHOKING HAZARD–Small Parts. Not for children under 3 yrs.

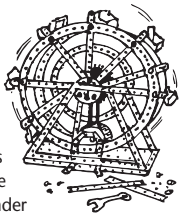
48384 Imperial Shuttle $4.50/each
95841 Kylo Ren's Shuttle $4.50/each

Is This Some Kind Of Stunt?

Why yes, it is. There are three kinds of stunts, actually, in this box of (3) styro stunt gliders, complete with nose pieces and (3) sheets of stick-on numbers and aerial decorations. From Dabble Lab™, which says you'll learn engineering, basic physics and forces of flight. We say you'll have fun flinging them around the back yard.

48337 Stunt Glider Kit $3.95/each

Musical Steel Wheel



Let them build like their grandfather built. This colorful Steel Works Ferris Wheel construction kit from Schylling has over (950) pieces, plus tools to assemble a 14" tall model. We're talking about hours of fun and brain challenges here! Includes a music box mechanism that plays "The Entrance of the Gladiators," aka "Thunder and Blazes". Kids who are really inventive can take it apart and use the pieces to assemble a creation of the own. The possibilities are just about endless. For ages 8+. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

95554 Steel Ferris Wheel Kit $49.95/each

Greenhouse In A Box

This nifty botanic lab kit from Engino® will appeal to budding (pardon our punning) botanists and youngsters with a mechanical bent. Has (4) projects, including a 14-1/2" x 9-1/2" x 13-1/2" clear plastic greenhouse with a gear-driven window, a pseudo-ox-driven plow, and a cube. Comes with (2) germination trays, a dozen small pots, and a 42-page manual. Mates with other Engino® parts. Made in Cypress, which makes for a nice change, we think. Ages 8-16.

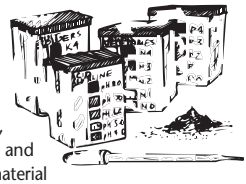
47188 Botanic Lab $49.95/each

We'd Like To Plant A Seed

If you'd like to, too, we have three ways for you: our Go Wild Special is a canister with 1 oz of wildflower seeds in approx (25) varieties chosen to appeal to pollinators and to fill about 150 square feet in USDA zones 3-11, which is pretty much North America; our Here Comes the Sun option has 2.5 oz of sunflower seeds so you can become the food source for birds and baseball players all summer; and our Johnny Sequoiaseed option has (7) sequoia tree seeds per packet, along with 1/2 oz of soil, a small bag of pebbles and a vented canister to get them started so that in approx (83) generations, your progeny will have a tree 36 feet in diameter. Better pick a wide spot in the yard for that one.

97118 Go Wild Seeds $8.50/each
97119 Sunflower Madness $8.50/each
97120 Sequoias-R-Us $8.50/each

Soil Test Kits



The budding home scientist and horticulturist will both delight in the ease with which this self contained soil test kit brings discovery. The kit measures not only ph., but also Nitrogen, Phosphate and Potash content and contains material for 40 tests. From Luster Leaf™, the kit is entirely self contained and includes complete instructions for use and explanations. Be careful, please, the kit does have chemicals and should not be used by young children without supervision.

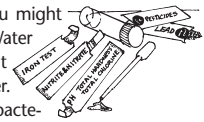
88690 Multi Soil Test Kit $16.50 /each

Break Your Own Geodes

Pop one of these roughly 1-1/4" dia stones into the toe of a sock, smash it with a hammer, and be the first person ever to see your real-as-Nature-makes-it geode!! There is however no way to tell from the outside if they have crystal centers, but we will send you two just to raise your odds ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

88823 Break Your Own Geodes $3.50/pkg(2)

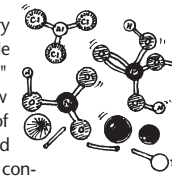
We're Just Testing The Waters…



before we dip our tongues into it. You might want to, too. Try Watersafe® Well-Water Test Kit, a 10 parameter, single-use kit made for testing well-water or city water. Contains tests that will detect coliform bacteria, pesticides, nitrates, lead, iron, nitrites, pH, chlorine, copper and hardness. Includes an instruction manual and EPA drinking water standards. Easy to use, with results on the spot.

93587 Water Test $29.95/each

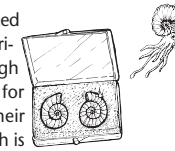
Build Your Own Universe



Make a nice start at constructing your very own universe with this excellent molecule model set. You get (24) 3/4" and (25) 1" plastic balls in assorted blue, black, yellow and orange colors with varying numbers of holes for connectors; (26) white ball/rod combos to stand for hydrogen; and (27) connector rods in (3) lengths for valency bonds. Includes a chart explaining the system and a periodic table inside the sturdy storage box. Great classroom tool for ages 13 and up. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94681 Atomic Model Set $26.50/each

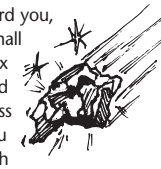
Symmetrical Ammonites



Just the one, actually, but it's been sliced in half so the pair is perfectly symmetrical and mighty pretty. Although ammonites have been extinct for 65,000,000 years, we've got their approx 1" dia fossils for you. Our each is a book-matched pair of polished ammonites fossils a single critter halved and polished to a bright symmetrical shininess. The colors vary from light tan to dark brown and we'll pick because we have impeccable ammonitical color-shade taste. And yes, they're just screaming to become cuff-links or earrings.

96591 Polished Ammonite $5.95/each

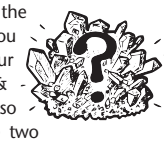
A Meteorite Is Heading Your Way!



Don't panic. A meteorite is speeding toward you, but it will only hit your mailbox. These small hunks of genuine meteorites are approx 4,200 years old, and have been harvested from Chandon, Argentina. (We never miss the meteorite harvest in Chandon.) You have two choices. The large-ish ones weigh between 20-33 grams and measure approx 1-1/4" x 3/4" x 1/2", which is very dense. (Get a pair and make cuff-links for your favorite meteorologist!) The smaller ones weigh approx 3-4 grams per box, and you may get multiple pieces. In either case, carry one in your pocket and you'll never be hit by a large meteorite. (And if you are, we'll give you double your money back.)

94493 Larger Meteorite $34.65/each
96664 Smaller Meteorite $8.50/each

Crystal Blue Persuasion



Big hit in our youth, by Tommy James & the Shondells, but also one of the colors you might discover when you grow your Mystery-Color Crystal from this Thames & Kosmos® kit. Tommy and the boys also sang Crimson and Clover, so you have two chances to grow a Shondellian crystal. We bet you'd never have guessed that when you woke up this morning. For ages 8+.

97242 Color Crystal Kit $5.95/each

Add Some Polish To Your Life

Lovely to look at, delightful to make jewelry out of. Our (20) piece set of polished gemstones includes: amethyst; howlite; tiger eye; hematite; amazonite; carnelian; sodalite; turquenite; plain and rose quartz; rhodonite; unakite; snowflake obsidian; serpentine; red, brecciated, picture and blue dalmation jaspers; orange calcite; and lemon jade. All approx 5/8" across. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

95378 Gemstone Set $6.85/each

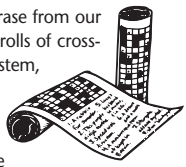
Why Not Take A Flyer

Why not take two since they're medium sized, from 20" to 28", and shaped like the critters they represent. You'll get a pair (two different) of very colorful nylon kites, complete with 65-foot lines and 8-foot tails, from our selection of ladybugs, frogs, turtles, butterflies, owls and dragons. Packed conveniently in a clear tube for carrying.

46931 Bright Kites $14.95/pkg(2)

NEW!

Scroll On Down...



Regular customers will recognize that phrase from our emails, but in this case it refers to refill scrolls of crossword puzzles for the Roll-A-Puzzle system, which you don't have and neither do we. We do have scissors, however, and so do you—but if you need a new pair, we've got those, too. Scissors ready, just take these 4" wide rolls of a dozen puzzles, roll 'em out, cut 'em up, tape 'em to a piece of paper and Bob's your uncle. (You're all set in London—13 letters.) Our each is a box of 4 scrolls/rolls for a total of (48) puzzles with themes from fashion to Shakespeare. Don't peak at the answers on the bottom. If you do own the system, btw, we'll be picking a set from their volume 9, 10, 11, or 12.

48505 Box (4) Scroll Crosswords $2.95/each

Yo, Pinball Wizard

Put an arcade in your pocket with this tiny pinball game. Has (3) teensy BBs, a plunger, spinners, ledges and variable point scores, all in a 3-3/8" x 2-1/4" x 3/8" thick plastic housing. We'll pick two with a jungle hunt, Indy 500, space race or cowboy theme because we've played 'em all, from Soho down to Brighton. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

96560 Mini Pinball Game $3.95/pkg(2)

NEW!

Ring This For Service

It's just like the little bell that used to sit on the front desk of every hotel in the world except that this one has a big 1-1/4" dia button on it, because who can see that tiny button anymore? U Measures 2" tall x 2" dia in polished steel with a plastic bottom that won't scratch tables. We'll pick one in white, blue or black plastic.

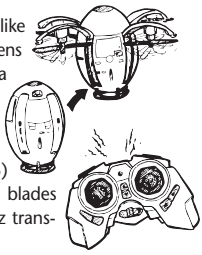
48272 Front Desk Dinger $1.95/each

Who's A Pinball Wizard?

You could be, and you don't even need electricity. These extremely old-school pinball games use just (6) little steel balls and gravity, which is pretty much everywhere, as we've discovered. Measure 9-7/8" x 5-1/4" under clear plastic with a spring-loaded plunger and 15 ways to score. No electricity means no TILT light, so you can tilt to your heart's content if things aren't bouncing your way. You pick the Hi-Score traditional game or the Treasure Hunt game with undersea creatures.

97019 Hi-Score Pinball $7.50/each
97020 Treasure Hunt Pinball $7.50/each
97044 Both Games $14.50/each

The Flying Egg



Cutest drone ever. Shaped, and sized, like a chicken egg, just over 2-1/2" tall . Opens up to a 5" wide quad-rotor drone with a range of approx 100 feet, and it'll fly for approx 6 minutes on a 45-minute charge. Features auto-hover and 360-degree roll, headless remote and (3) speeds. Includes charging cord, spare blades and a small screwdriver. Has a 2.4 GHz transmitter that uses (2) "AAA" batteries.

47002 Egg Drone $19.50/each

The Red Hornet

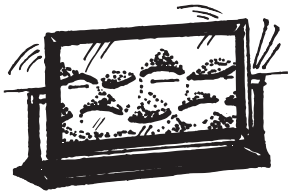
OK. black and red, but the Green Hornet wasn't all green either. Our double-rotor remote-control helicopter measures approx 6-1/2" long x 4" tall with a 2-channel infrared remote, so you can get a pair and fly them together. Best indoor or in a no-wind outdoor setting. Motion-sensor mode permits flying without the remote. USB charger included along with (3) "AA" batteries. Has LED running lights, too.

48338 Hornet R/C Chopper $19.50/each

Flying Bird

From France comes this fun mechanical plastic bird that really flies by flapping its wings. It is about 8" long and has a wingspan of 16" tip to tip. Snap the wings in place, wind up the rubber-band drive and toss it gently into the air on its maiden flight. It flies up to fifty yards with a satisfying fluttering sound.

88566 Flying Bird Toy $14.75/each

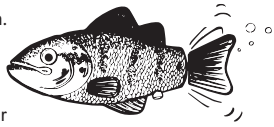


Self-Sculpting Sand

A real desktop mesmerizer. This 7"x 5" moving sand sculpture creates endless sand-dune vistas, and can be so easily flipped to start over that you need never go back to actually working. The sand is so fine it's nearly liquid, and comes in varying shades, plus a little glitter. Black base and frame. We'll pick sand in shades of orange, purple, green or red for you.

93744 Sandscapes Desk Art $16.50/each

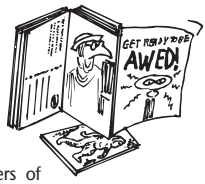
Swim With The Fishes



Or just watch the fishes swim. These plastic models of a Peacock Bass and a Brown Trout actually swim on their own by moving their battery-operated tails back and forth. Eyes move, too. Scales are notched and textured, and both 7" x 2-1/2" swimmers have color gradations with a prismatic shimmer for that realistic fish look. You pick: the green and orange Bass or the silver and gold Trout. You supply (1) "AA" battery per fish.

48381 Swimming Bass $7.50/each
48382 Swimming Trout $7.50/each

Not Your Grandmother's Postcards



This whimsical pack of (30) postcards measures, unsurprisingly, post-card size 5-3/4" x 3-15/16", with non-duplicating images of gravy and bacon, Nikola Tesla, narwhals, spontaneous human combustion, boxing kangaroos, infinity and taxidermy, among many others of that ilk. Those ilks. Whatever--just buy 'em and stop asking so many questions. Blurbs on the back.

95328 Excellent Postcards $8.85/each

NEW!

Flo, Flo, Flo Her Boat

Yes, TV watchers, Flo, the Progressive Insurance Spokesgeek who's become America's heartthrob is now a model—a model kit, that is—with her own little speedboat that's made, like Flo, of plastic building bricks. This (19)-piece kit lets you put Flo and her boat back together again. And yes, our little model has that interesting hairdo, and sunglasses, too. Includes decals.

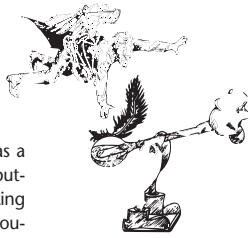
48552 Progressive Flo Boat $3.50/each

Stress Tardigrade

Squeeze this squishy version of the eight-legged tardigrade, aks moss piglet, aka water bear, and it takes up to (9) seconds to slowly morph back into shape while you feel your stress disappear like the cashews in a bowl of mixed nuts. Measures 4-1/2" long in green with the squeezability of a marshmallow. You probably don't even know you need it, but you'll know you needed it once you start squeezing it.

96881 Stress Tardigrade $8.25/each

Button, Button...



Who's got the button? You do if you're a playful sort and click on the buttons below. You pick: the 1-1/4" dia white button with our AS&S flying leader Jarvis in black (identifying you as a Surpie); or the 1-1/2" dia white button with a pair of classic drinking birds (the real thing is available you-know-where), which identifies you as classically silly, which we consider a high compliment.

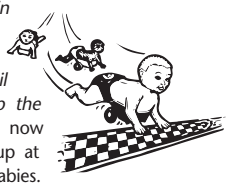
97164 Jarvis Button $0.69/each
97163 Birds Button $0.79/each

Under $20 Tesla

Why fork out thousands for what is, after all, just a battery-operated car, when you can own Nikola himself. Our plush Tesla doll is just over 13" tall and wears a little houndstooth jacket and matching vest. You're going to love stroking his ultra-soft hair, and the BBs in his bottom assure that he'll sit right up on your desk and keep you company.

96813 Tesla Doll $19.95/each

Down The Home Stretch...



*"At the 16th pole, it's Tot O'War in the lead and Ankle Biter moving up on the outside with Teething Biscuit making a late bid on the rail and Soggy Bottom bringing up the rear...."*Yes, sports fans, you can now run your very own Breeders' Cup at home with this set of (4) Racing Babies. Measure 2-1/4" long in plastic and vinyl and built for speed. Just pull 'em back and let 'em rip. Small parts choking hazard, so they're ironically not for kids under three.

97122 Racing Babies $14.95/pkg(4)

Articulated Sasquatch

Ready to fulfill all of your unmet movable yeti needs, this 6-1/2" tall plastic bigfoot has articulated ankles, knees, hips, waist, shoulders and elbows, which makes him posable in more positions than Twyla Tharp. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94988 Articulated Bigfoot $16.75/each

E-I-E-I-O

Old MacDonald had a very odd farm. And you can too, with this farmload of (10) baby animals, including a calf, rabbit, piglet, baby chick, duckling, lamb, kid (that's a baby goat, kids), kitten and beagle puppy. All are plastic and approx 1-1/2" long x 1" to 1-1/2" tall, which makes for a scale that's a tad whimsical, with the little chick standing taller than the piglet and the rabbit appearing to outweigh the lamb by a factor of five or six. They're all as cute as the dickens, though.

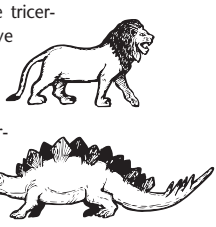
48221 Farm Babies $5.95/each

Pop-eye

And pop-nose, and pop-ears. Everything pops when you squeeze this guy's head. It's true of most of us, actually. This one, however, is a classic, sometimes seen as the Martian Popper but in this incarnation he's Panic Pete. Don't let your children grow up without having one to take their frustrations out on.

88761 Panic Pete $6.75/each

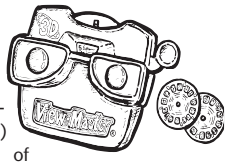
Where Do Giraffes Meet Velociraptors?



Same place the tigers play with the triceratopses—in our warehouse. We've come by a trove of excellent critters from Nature World®, all in hard rubber and mostly measuring 9" to 11" from snout to tail, or jaws to derrières. In this trove we've seen lions, tigers, giraffes, elephants, and more dinosaurs than you could shake a paleontologist at. Build a zoo, prehistoric or not, or just ignore science and let the lions lie down with the stegosauruses, and that is too the plural, you could look it up. You'll get (4) different beasties.

48006 Rubber Beasts $9.50/pkg(4)

The Classic View



This reincarnation of the classic View-Master® is called (wait for it) the View-Master Classic®. As much fun as ever, and still battery-free. Comes with (3) reels with (21) 3-D images, including Age of Dinosaurs, Safari Adventure and Marine Life. Includes a case and, yes, it will accept all of the original film reels. For ages 3+.

96791 View-Master Classic® $19.95/each

Drinking Bird

You're buying the drinks and this wacky, yet debonair, bird with a top hat and plastic base (7" tall OA) can't get his fill of water. Get him started, and he dips his beak into your glass repeatedly. How? Fluid inside his glass body condenses from the evaporative cooling of the water off the bird's beak, making it top heavy and dunking it back into the water. The condensate rejoins the liquid pool in the bird's bulb, and he tips up again. Process continues indefinitely. It works, but it's not any more than moderately well made, and not any more than moderately priced. WARNING! The fluid and dye inside the bird can permanently stain, and the bird's glass body can easily be broken. Children are fascinated by the bobbing bird, and the educational possibilities are great. But they should watch him, not fondle him!! ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

3808 Drinking Bird $7.95/each

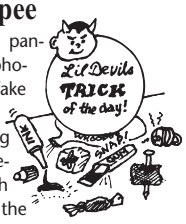
3808P3 Bird 3 Pack Savings $18.50/pkg(3)

Underpants In A Can!

Emergency underpants in a can. Says it all, doesn't it? Quite stretchable in a Tyvekish white fabric, "one pair fits most adults." They're hip-hugger, semi-bikini, translucent type drawers, so despite the smiling man wearing them and a red bow-tie on the can, some (insecure) guys might find these just a touch jeune fille-ish. "Safe, Sanitary, Secure." Says so right on the 3" x 1-1/2" x 2/3" flip-top metal can. Better buy (3) in case of a long weekend.

94417 Canned Underpants $4.95/each

A Week's Worth Of Whoopee



A gallimaufry of gags, the prankster's pantheon. Our seven-day selection of sophomoric stupidity includes a joy buzzer, a fake ketchup spill that is perfect for a laptop or tablet, wrapped candy thats more bug than treat, a pack of gum with a mousetrap inside, a nice fake nail to put through a finger, a fly-in-the-ice cube, and the American classic whoopee cushion. Add some rubber vomit and you've got enough gifts to get through Channukah. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

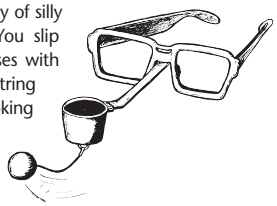
93664 Trick Of The Day $13.25/each

Smallest Farm In The World

Fun little plastic farm set with a vaguely retro-Euro look. Comes complete with a farmer, a farmer's wife and a farmer's daughter, all 2" tall, along with (3) chickens, (3) geese, (3) rabbits, (4) cows and (6) pigs. The barn is 2-1/4" tall x 3-1/4" x 2". Includes barn doors, fencing and a feed trough. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

89387 Micro Farm $6.55/each

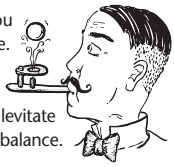
Our Silliest Toy Ever



And we say that with a history of silly that's virtually unmatched. You slip on this pair of lens-less glasses with the tiny bucket and ball on a string attached, and try, while looking like a demented chipmunk, to swing the little ball on its cord and drop it into the cup. In red and blue plastic, you will be filmed on a smart phone and it will be put on social media you will be famous for it for the rest of your life. Best to order a couple so you're not alone.

96896 Spectacle Ball Catch $4.65/each

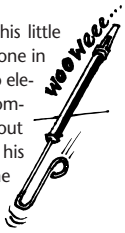
Balance This Ball With Breath



Imagine the family competitions you could have with this floating ball game. Hours of fun, minutes at a time! The wooden pipe is approx 6" long, and the 1-3/8" Styrofoam balls are yours to levitate through the magic of steady breath and balance. Oh, the wonders! Ages 4+.

97017 Floating Ball Game $3.95/each

Play The Piston Flute



Or the Swanee whistle. Whatever you call it, this little slide whistle (just consider it the smallest trombone in the universe) has an outsized musical history. No elevator has ever fallen in a cartoon without its accompaniment, and no jug band is complete without one, but Louis Armstrong also played one on his Hot Five recordings, and Ravel even required one in an opera score. In assorted plastic colors with a steel slide, 6-7/8" long x 1/2" dia.

93011 Slide Whistle $3.75/each

Love Meter

AKA hand boiler. An exotic bit of hand blown glass with a bulb at top and bottom connected by some zippy tubing that spirals, loops, and/or jogs. In the closed system is some colored liquid (methylene chloride) that is very light. Hold the lower bulb in your hand and as the liquid is warmed it pushes through the loops to the upper chamber. When all the liquid is pushed out of the lower bulb, expanding air will bubble through the tubing making it appear that the liquid is boiling. WARNING! The glass is fragile and the liquid is nasty. If you drop the thing on the kitchen tile, it will eat the finish off the tile and the stain in the liquid will permanently stain the floor, so don't let kids handle this item unsupervised. About 7" tall, it is a favorite in our stores.

6199 Love Meter $4.75/each

Gyroscope

2" flywheel in well made metal frame. The trick is the same as it has been for 100 years. Wind the string through the spindle, pull it firmly to set the flywheel spinning, and perform effortless balancing magic on pencil tips, string tightropes, and the like. We tend to forget that bicycles and aircraft navigation both rely heavily on gyroscopic principles. It's never too early to tell the kids. Besides, it's fun. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

3804 Classic Gyroscope $9.50/each

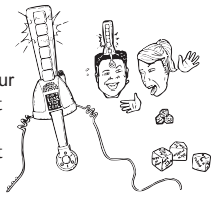
Stick Your Finger In One Of These

Nothing says compact fun like rubber finger puppets. We recommend these for adding a touch of whimsy to parental or grandparental reading of bedtime stories. You pick a quartet of rubber cats or squirrels, in four different colors/breeds, all approx 2" tall and all cute as the dickens.

96882 Cat Puppets $8.75/pkg(4)
96883 Squirrel Puppets $8.75/pkg(4)

NEW!

You Like Head Games?



Invite them to a party and play Don't Lose Your Cool™. You secure the Cool-O-Meter to the top of your head and everybody else tries to get you to move enough to set off the light tree. Roll the dice, and do what they tell you—dance, flap your arms, etc. Marginally less sophisticated than contract bridge, this game is sort of a cross between charades and a mood ring. How could you go wrong? From Hasbro Gaming®, who didn't include the (3) required "AA" batteries, so you'll need so take it up with them.⚠**WARNING:** CHOKING HAZARD–Small Parts. Not for children under 3 yrs.

48506 Hasbro® Head Game $7.95/each

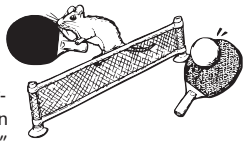
Laser Chess

What if you crossed Boris Spassky with Han Solo? Checkmate with a beam of light. This is the former KHET 2.0, now updated to a space chess theme. Includes (26) game pieces, including kings, switches, defenders, deflectors and lasers, all on an 8 x 10 grid game board that measures 12" x 9-3/4". Features (5) distinct board set-ups, and is a two-player game for ages 8+. Trust us--it's a blast. Includes replaceable button-cell batteries, too.

96642 Laser Chess $39.95/each

NEW!

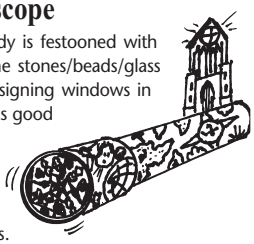
Wanna Have A Little Fun?



Desk-top games don't have to be electronic, pookie. We've got old-fashioned fun in tiny packages. Here, you'll get a pocket-sized ping pong set with an itty-bitty net, held down with suction cups, a ball, and paddles that are 3" x 2", with foam even. ⚠**WARNING:**: CHOKING HAZARD–Small Parts. Not for children under 3 yrs.

48433 Desktop Ping Pong $1.75/each

Renaissance Kaleidoscope



Forget that the 6-3/4" long body is festooned with Latin phrases and old maps. The stones/beads/glass inside the tube would make designing windows in cathedrals a snap. And hey, that's good work if you can get it. A nice gift for Rosetta window fans, and a must for that special bishop in your life. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

95085 Old World Kaleidoscope $7.95/each

How's Your Spatial IQ?

From THINKIQ, these fist sized colorful wooden puzzles will let you prove it; Or not. We'll pick one of the (6) available puzzles. Take a good look before you take yours apart, because there are no instructions—it's just you and your spatial IQ. No extra charge for the extra challenge—you're welcome. About the size of a kids fist.

48199 THINKIQ Teaser Puzzle $3.95/each

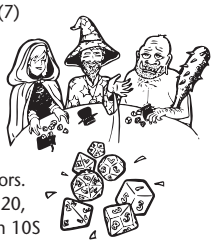
Old Maid With Insects And Murder

The Fly Widow Game, a lovely way for the kids to while away a rainy afternoon. Comes with (55) illustrated cards in a matching embossed tin. You match each fly-headed husband with the method of their particular gruesome murder. For 2-4 players, and more fun than a barrel of old maids.

97227 Fly Widow Card Game $13.95/each

NEW!

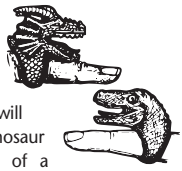
Not For Your Average Crap Shoot



Our each is (3) sets of gaming dice, (7) campaign dice per set, with black pouches for carrying them. Made for role-playing and board games, you'll get (1) set each of blue with a black swirl, shimmering purple, and shimmering emerald—all with gold inlaid numbers and 6/9 indicators. Each set has (1) d4, d6, d8, d12, d20, and (2) d10 percentile dice, (1) with 10S and the other with single digits. Officially judged "nice dice, dudes" by the office gaming geeks. Ages 8+.

48507 Fantasy Campaign Dice $9.50/each

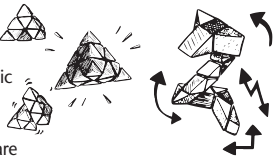
Ring-A-Ding Ding!



Signet rings? Class rings? What are you, applying for a job? Going to visit your grandmother? Time to release your inner public nuisance and wear something that will get you a seat on the bus. You pick: the Dinosaur collection, featuring snarling examples of a dozen different extinct but scary beasts; or the Dragon group, also snarling and most with horns of some kind. All are finely detailed, measure roughly 1-1/2" long, and stand approx 1" above your finger. Either way, nobody will mistake you for a member of the Elks Club. You'll get (3) different.

48171 Dino Rings $6.50/pkg(3)
48333 Dragon Rings $6.50/pkg(3)

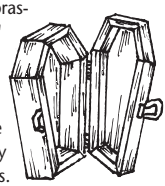
Cubes Are For Rubes



Even Erno Rubik must be pining for some other geometric solids by now. Expand your horizons with these non-cubic puzzles. The Pyramid Puzzle is very Rubikish--just twist and turn until all of the (4) colors are on their own sides. The Cobra Puzzle has (24) triangular prism shapes that you can manipulate until the cows come home. It includes instructions for (10) shapes, in case your cows are early.

48200 Pyramid Puzzle $3.95/each
48201 Cobra Puzzle $3.95/each

Coffinette

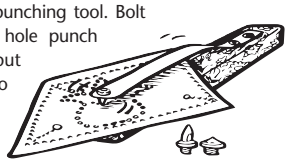


Our mini-coffin, in unfinished pine with brassish hinges and a clasp, is 6" long x 1-3/4" deep x 3" at the shoulders. You definitely want to think outside of this box, but it's perfect for gerbils, mice (just because you killed them doesn't mean you can't give them a nice send-off), Halloween and Day of the Dead displays, and tiny vampires. We use ours to store doornails.

94459 Mini-Coffin $3.95/each

NEW!

Can You Take A Punch?



Take this one. It's a craft punching tool. Bolt one of the (3) included hole punch attachments—all small but with differing depths—onto the flexible metal arm, put the punchee underneath, and give the arm a smack. The arm is mounted on an 11" long x 1-1/2" wide x 3/4" thick base, which will be, for reasons mysterious, in a floral or butterfly pattern. We'll pick.

48290 Floral Print Craft Punch $7.50/each

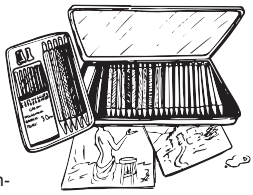
Paint Your Wagon

No, no, paint a picture of your wagon. You take care of the paint, and we'll send you (4) high-quality, real-deal artists' brushes from our assortment of oil, acrylic, tempera and/or water-color brushes, from round and skinny to flat and sorta fat. You'll get at least (3) different kinds. Made of sable, ox hair, fitch bristle or nylon, all from Duro.

43395 Duro™ Artist Brushes $4.95/pkg(4)

NEW!

Push-Button Art



It's a twofer of 3.0mm artists' pencils. You'll get a set of (24) professional quality mechanical water-color pencils--a rainbow of deep and pastel colors book-ended with white and black--plus a pack of spare leads, a tiny brush for blending, and a teeny sharpener for fine points. You'll also get a pack of (5) 3.0mm drawing pencils, (1) each in HP/2B/4B/6B/8B hardnesses, plus extra leads and pair of fine-point sharpeners. Both sets are in storage tins and from Cambridge Art Supplies.

48452 24pc Watercolor Pencils $14.50/each

Artist's Brushes

Maybe a little eclectic for an artist with a single style, but perfect for one who's still searching for himself. Or for any hobbyist. There are no (2) brushes exactly alike in this set of (15). They all have natural bristles, color–coded wooden handles and metal ferrules, but they range from fairly fine to 1/2" wide, and 7" to 10" long. There are at least (3) different kinds of bristles, and they are round, blunt and pointed. A nice variety, and a very nice quality for this price.

91856 Artist's Brush Set $3.95/each

You'll Never Take Me Alive, Copper

But you can take this copper tape/foil to liven up your crafts, from journals and scrapbooks to jewelry, collages and picture framing. And since one side is conductive, you can wire a dollhouse with it. We've also heard of gardeners using it to make slug/snail proof barriers. Our each is (36) yards of 3/8" wide x .0015" thick actual copper tape on a 3" core. It's self-adhesive on the non-conductive side, too.

96651 Conductive Copper Tape $9.95/each

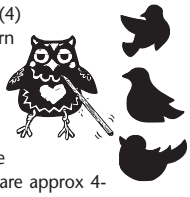
We Sell Sea Shells

Without making you go to the seashore. Our each is a 3" dia x 6-1/2" tall clear glass jar full of sea shells. You might get periwinkles, what look like augers, or sea snails. (We're freshwater folk here in Chicago, so we're kind of shell-estimating, but we're sure they're awfully pretty.) Number depends on size, but you'll get 15-20 oz of shells, in a jar officially marked "Assorted." Jars are stoppered with big corks with a little charming raffia around the neck.

48170 Assorted Shells In A Jar $5.95/each

NEW!

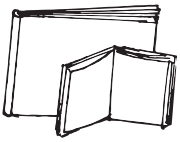
Intro To Lotto Tickets?



It's a mug's game, but this package of (4) giant scratch-and-reveal Magic Unicorn and Magic Bird cards are all winners. And no, NBA fans—they're not related to the two guys who revitalized the league in the 1980s. And yes, everyone else--all unicorns are indeed magic. Precut in the shapes of birds and unicorns, the cards are approx 4-5/8" x 6-1/2". Come with (4) striped pipe-cleaner chenille stems, a scratch stick and an illustration sheet to show you how to scratch lines and designs to reveal the hidden colors. ⚠WARNING:: CHOKING HAZARD–Small Parts. Not for children under 3 yrs.

48436 Bird/Unicorn Scratch-Art $1.95/each

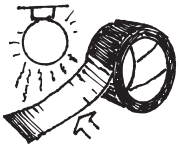
Author! Author!



Very popular with elementary school teachers, these hardcover blank books let students create their own story-books. (Middle-schoolers interviewing and making books for primary grade kids is a popular and civilizing project.) Also great for sketching, journaling or scrapbooking. Pure white blank covers with (14) sheets (28 pages) of 80-lb blank paper inside with a sewn-in binding. You pick the 6" x 8" books or the 8-1/2" x 11" versions.

95551 Small Blank Books $2.95/each
95550 Large Blank Books $3.95/each

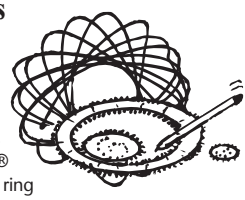
Duct Tape With Feelings



Some rolls of duct tape have no feeling at all, but these heat-sensitive Chameleon Skinz get lighter in color the more they feel the heat. You'll get (30) feet per roll, 1-7/8" wide on a 3" dia spool. You pick: purple heating up to pink, navy blue to aqua, orange to tangerine, or hunter green to lime. Come on, you're not a silver duct tape person!

48362 Purple Heat Tape $3.95/each
48363 Blue Heat Tape $3.95/each
43267 Orange Heat Tape $3.95/each
43268 Green Heat Tape $3.95/each

Spirographic Madness



It's the classic Spirograph®, which is a lot of intricate round mandala-like designs floating around out there. Celebrate with one of our spirographic specials. You pick: the Travel Spirograph® in a flip-lid case with a 2-3/8" ID ring in the lid and (4) assorted wheels, a cross, an oblate spheroid, red and blue pens, a design guide and a 24-sheet pad of 3" square paper; the Original Spirograph®, an 11-piece set in a storage tin, complete with 3-11/16" OD ring, (6) assorted wheels, rectangle, oval rail, 24-sheet pad of 5" x 7" paper, red and blue pens, design booklet and reusable putty to hold down the paper; or the Deluxe Spirograph® with (19) assorted wheels, (2) rings, an oval rail, oblate spheroid, triangle, red and blue and green pens, a reusable putty to hold the paper, a 14-page design book and a 20-sheet pad of 8-1/2" x 11" paper. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

95531 Travel Spirograph® $9.95/each
95529 Original Spirograph® $13.95/each
95530 Deluxe Spirograph® $26.95/each

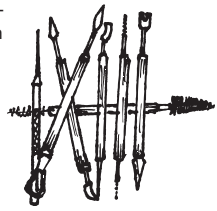
NEW!

Remember The '70s?

That's the decade when happiness was a pack of warm Shrinky Dinks®. Well, climb into the way-back seat with us and get this DIY Shrinky Dinks® pin kit to make nifty pins to put on your jean jacket. You'll get (4) 5" x 8" frosted white shrink sheets, (2) 5" x 8" crystal clear sheets, (4) traceable art sheets, a holographic glitter sticker sheet, (8) decal sheets, and (8) pin-backs. Tracing pics include a bike, butterfly, pizza, French fries, panda, boom box and a cassette tape. Includes easy instructions. To really take yourself back to those golden days of the 1970s, ask your mom for permission to use the oven.

48435 Shrinky-Dink Design Kit $3.95/each

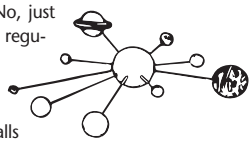
Twenty-One Heads Are Better



This potter's tool set has (10) two-headed tools, 7" to 9" long, with wooden handles, plus (1) knurled aluminum brush. The (21) heads include blades, spades, brushes, scrapers, drills and many more. Very nice set. Equally handy for other crafts, including carving and print-making.

94077 Pottery Tool Set $9.95/each

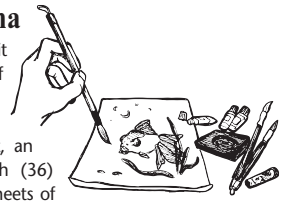
Pluto On A Stick!



Worst county fair snack ever? No, just one of the (9) planets—OK, (8) regular and (1) dwarf planet—spinning around our personal sun. This Solar System kit, from Creatology™, has (10) foam balls from 1" to 4-1/2" dia, a pair of rings and (11) wooden rods. You supply the glue and paint. For ages 8+.

47894 Solar System Kit $6.50/each

A Brush With China



This is an excellent starter kit for learning the rudiments of Chinese brush painting. Includes a lavishly illustrated 47-page instruction booklet, an 11-1/8" x 8-1/8" pad with (36) practice sheets and a few sheets of xuan, the vellum-like paper that brush-painting artists use, plus 5ml tubes of Chinese watercolors in white, indigo, burnt sienna, carmine and gamboge, a saffron color. Also includes (2) brushes, an ink stone and ink stick, all in a nice boxed set.

96682 Brush Painting Set $23.50/each

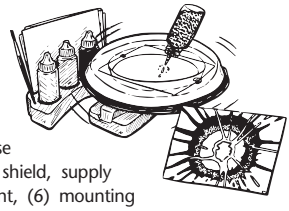
Super Sharp & Super Safe

The secret is ceramics. This newly redesigned 5-1/2" long precision cutter has a ceramic point that's as sharp as an X-actly knife, stays sharp 11x longer than steel, never rusts, is non-conductive, non-magnetic, non-sparking, chemically inert and is easier to maneuver in intricate cutting patterns. Cuts paper, card stock and more easily while being finger-friendly. Pencil-style ambidextrous durable nylon handle with a textured anti-slip grip and no-roll oval design has a cap and now features a replaceable blade. A boon for crafters, and a blessing for junior crafters.

93796 Ceramic Blade $7.95/each

NEW!

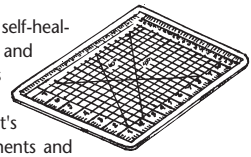
Take It For A Spin



This classic spin-art set is just like the ones you see at art fairs except it's battery-free because you just press the little bar to spin the wheel. Includes the "Art Machine," base tray, spin plate, spatter shield, supply holder, (4) tubes of paint, (6) mounting cards, (20) blank white sheets, (1) brush, and instructions. Just like the one Leonardo would have designed if he'd thought of it. Plus, it's a S.T.E.A.M. kit. For ages 4+.

97275 Spin-Art Tornado Kit $24.95/each

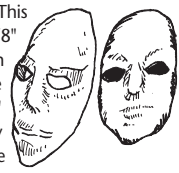
We Wuz Framed



And we did it ourselves with this self-healing cutting mat. It's hard rubber and no, we don't know how it heals itself, but it does. Measures 11-3/4" x 8-3/4" x 1/8" thick, it's marked in 1/8" and 5mm increments and 1/2" squares, with lines for 45° and 60° cuts.

93121 Cutting Mat $4.75/each

Why The Blank Face?



So you can decorate it, you crafty thing. This tan-colored papier mache mask is 8-3/8" tall x 5-3/8" wide at the eyes, pretty much the size of your average human face. The side curves around so the mask is 1-3/8" deep. The material is 1/32" thick and very sturdy. Not crafty? Left unpainted, the mask has a certain spooky charm.

93085 Papier Mache Mask $3.85/each

Festooned Pouches

We like our pouches festooned here at the home office. These are heavy-duty, 100% cotton, 9″ x 5″ x 2″, and zippered with a little 3″ x 2-1/4″ pocket inside. Also have a 1-1/2″ hang-tab on one side. You pick: the off-white one, festooned with dozens of mystical alchemical symbols, perfect for those trying to change lead into gold or Bitcoins; or the garden-weed special with illustrations of poison sumac and ivy, clover, creeping Charlie, crabgrass and other beautiful nasties.

96810 Mystical Symbol Pouch $11.95/each
97229 Garden-weed Pouch $11.95/each

NEW!

Logo-Free Cool

This soft-sided Mighty Mate cooler is ubiquitous in the Your-Logo-Here world of promotional items, but ours escaped before they could be imprinted. It's a cross between a cooler and a messenger bag, actually, measuring 10″ x 8″ x 11″ tall with a handle on top and an adjustable shoulder strap. The 8″ x 8″ zipper pocket on the front is where the missing promo message would have gone. In black with attractive lime green highlights.

48273 Mighty-Mate Cooler Bag $7.95/each

Pouty Pug Purse

Nobody's going to steal your lunch if you keep it in one of these 15″ x 13″ cotton totes with a giant and very realistic pouting pug on both sides, so real you'll expect it to drool. Has zipper closures, (2) inner pockets for keys and phone, and a second full-length zipper compartment inside. Already gift-wrapped for your convenience. Slide-on tag lists a $20 retail price, and you're welcome.

48191 Stylish Pug Tote $9.50/each

NEW!

Soup's In

Go ahead—have soup, or stew, or anything gooey, without worrying about a spillage tragedy. This red plastic soup system measures 5″ dia x 4-1/2″ tall tapering to 3-1/2″ at the bottom. Looks like a giant coffee cup, but with a gasketed screw cap that has a stubby fork and spoon cleverly hidden inside. Freezer- and microwave-safe, and BPA-free. Safe up to 200 degrees, but hand-wash only. Has a small tray and a divider inside, both of which you can ignore if you don't have a 2- or 3-part lunch. Try the beef barley, it's excellent.

48408 Travel Soup Mug Kit $4.50/each

Put On Your Face...

And take it on the road with this soft polyester cosmetic bag. In red, it measures 9-1/2" x 6" x 3", zippered with a handle and includes (2) zippered compartments, one open with gussets to fit larger items and the other with a clear zippered brush pocket and panel with a flap. Great for traveling but also nice enough to keep in your home bathroom. And if you're not into makeup, it's just a great little bag with lots of compartments for stuff--jewelry, craft supplies, art supplies, snacks, whatever.

48012 Red Cosmetics Bag $7.50/each

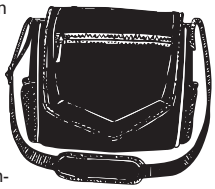
Backpacks Are For Kids

Until this one. It's called the Ultimate Parent Backpack, but we make no judgments here, so we're selling it to anyone who appreciates what separates it from the kids' versions. Made of water resistant nylon, the large main compartment is augmented by: a laptop and tablet compartment; cable management system; adjustable stroller straps, diaper changing pocket with changing mat and separate wet pocket; multiple phone and bottle pockets; key chain holder; luggage support strap; accessories pocket; wipes dispenser; and hidden security pockets on the back for tickets, passports and wallet, plus one on a front strap for cash or credit cards. Call it the ultimate travel/diaper bag/backpack that you won't leave home without. In fashionable and water repelling, stain-concealing black. Measures only 12.5" wide x 16" tall x 9.5" deep

48085 Ultimate Utility Backpack $29.95/each

NEW!

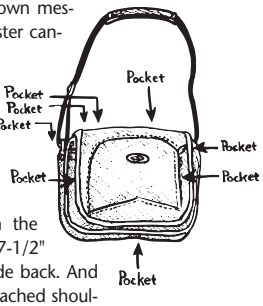
Black & Blue & Ballistic



This sturdy messenger bag from Wanderer Tech is made of durable black 1680 denier ballistic nylon with royal blue piping. Measures approx 15" x 12" x 3" when empty, but is eminently stuffable. Has an adjustable padded shoulder strap, front flap with hooken-looper closures, zipper compartment on the flap, (2) side mesh pockets, pen slots and a pocket inside, along with a 15″ a 10-1/2″ removable, padded laptop sleeve.

48274 Ballistic Shoulder Bag $12.50/each

Don't Shoot The Messenger



It's cheaper just to buy your own messenger bag. This one is polyester canvas, 10" x 13-1/2" x 3-1/2" with a front flap with a magnetic clasp and side zipper that opens a 10" x 7" outside pocket. Inside is a 7-1/2" x 10" pocket with another the same size on the back. Two 5-1/2″ deep open pockets on the inside, plus another zippered 7-1/2" x 12-1/2" pocket on the inside back. And of course it comes with an attached shoulder strap, 70″ long and adjustable, with a sliding shoulder pad.

47622 Messenger Bag $9.50/each

Not Swedish & Not From Santa Barbara

It's not Swedish and not from Santa Barbara, but your beer won't care. Neither will your egg salad sandwiches, because the Santa Barbara cooler bag from Sweda will keep them all as cool as you'll feel carrying it to your picnic, tailgate, cookout, campsite or boating trip. Heat-sealed, insulated and padded, this khaki bag measures 15" wide x 18-1/2" tall with a front pocket and big handy handles. Exterior is water-repellent with a vegan leather bottom, which is more than you can say for yours.

48011 Beige Insulated Bag $14.50/each

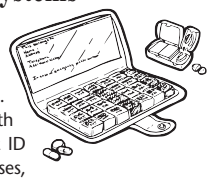
Meds Cup

This plastic medicine dosage cup is nearly transparent and measures 1-9/16" tall x 2-1/8" dia at the top tapering to a 1-5/8" dia bottom. Marked on the side for 1, 2, 3 and 4 tablespoons, and 15, 30, 45, and 60ml. Max measures are just below the lip. Non-medical folks might note that 4 tablespoons equal two ounces.

47938 Dosage Cup $3.50/pkg(20)

NEW!

The Mother Of All Pill Systems



Made as a promo item, this logo-ed Happy Healthy Smart™ leatherette notebook pill organizer is the most complete set we've ever had. Measures 7-1/2" x 4-1/2" x 1-1/4" with a snap tab closure. Inside is a blank ID card and (7) 1" wide x 4" long pill cases, divided into (4) 1" square sections. They're color-coded, and marked by the day of the week plus "morn/noon/eve/bed." Also comes with a plastic 3-3/4" x 2" x 5/8" pill case with a pair of little pill holders inside, plus an integrated pill splitter. It's a great travel item but obviously just as great for home, too.

48558 Rx Organizer System $5.95/each

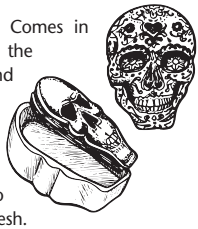
Dropper

Eye dropper, tongue dropper, test tube dropper, petri dish dropper, anywhere dropper. Use this 3" glass dropper, with a rubber squeeze bulb to drop small amounts of liquid wherever you think they should go. You will have to measure by counting drops, though, because there are no markings on it. Also, it is called "3" because that is about how long the glass tube is. Overall, it is 4" long.

89039 3" Glass Dropper $3.25/pkg(8)

NEW!

Deadheadish Head



Polyresin death's head stash box. Comes in assorted designs and colors, and the office deadhead boogied on over and snatched one right up. Measures 3-1/2" x 4-1/2" x approx 1-3/4" deep. Has a substantial heft at just under a pound, and the rubber-gasketed seal on the lid ought to keep your gummy bears nice and fresh.

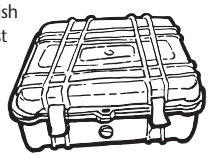
48430 Gasketed Skull Stash $11.50/each

Square Cases

In several senses. These snazzy cigarette cases are made for the original, unfiltered short smokes (or roll-ups) and measure 3-1/2" square x 3/4" deep, or 3/8" deep per side when open, with those little elastic keeper bands. Quite suitable for carrying other stuff like business and debit cards, cash and bus passes. Plus, they make you feel like William Powell or Myrna Loy, depending. In gray, black, and zebra, all with an acrylic mirror on one side and a push-button latch. We'll pick, cuz they're all Thin-Man stylish.

47320 Cigaretesque Cases $4.95/pkg(4)

Smell-Proof Case



Like a tiny version of those pelican-ish waterproof cases, this sturdy one is just 9" x 6-1/2" x approx 3" deep and is air-, water- and odor-proof. In heavy, dark, blue-green plastic with a pair of snap closures and a tiny hasp, it was made for transporting human organs, but is new and absolutely, positively never used, cross our surplus hearts. Honest. Nice size for a lunch that nobody will smell. We recommend it for liver sausage sandwiches.

47601 Odor-Proof Case $11.50/each

NEW!

WOW!

That's the name, actually, not that we're not excited. These WOW brand interchangeable containers are 8" tall x 4" square at the bottom. The tops are approx 6" square x 1" deep, and are made to also snap onto each other to make a 2" deep container—think sandwich size—and the bottoms will also snap together to make a16" tall container. You'll get (5) tall containers and (5) tops. Dishwasher safe, freezer safe, and microwavable. Closures work with one side as a hinge and the other side as a snap lock. It might take a little practice, but a clever person like you won't have any trouble.

48136 WOW Storage Containers $7.95/each

Munchkin Party Cups

Just like the big red plastic party cups but in a 2-oz size, for when you graduate from beer to cocktails, perhaps, but they also make great condiment holders, paint pots, bead buckets for craft classes and hats for lab rats. Also useful for the really, really expert version of beer pong. In packages of (20).

44041 Small Party Cups $3.95/pkg(3)

Biggest Pill Box In The Universe

These watertight aluminum screw-top canisters are gasketed, lined in nylon and come with a 1" slip ring to attach to whatever. Measure just over 2-1/2" tall x 1-1/8" dia, so they're suitable for a lot of pills or any number other things you need to keep dry or safe. We'll pick one in black, red, gold, blue or green.

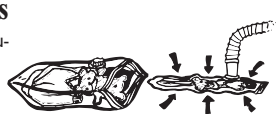
95011 Watertight Canisters $3.95/each

Sundries, Bloody Sundries

Got stuff that needs a place to be? Want to keep your eye on it? Here's the perfect container—a 7" tall x 4-1/4" dia clear glass jar from Moore Medical, who call themselves The Supply Experts®. Comes with a stainless steel lid, too, with a nice little handle for lifting it off. You know the jars in a doctor's office that are filled with cotton swabs and tongue depressors? This be them! Perfect for bathrooms, kitchens, craft rooms, workshops and garages, too, though these jars are awful pretty, we have to say.

47769 Glass Sundry Jar $9.75/each

Be More Vacuous



At least pack more vacuous, because vacuum packing isn't just for coffee, it's for saving storage space for anything soft and squooshable. We suggest this 6-pack of 40" x 32" large vacuum-seal storage bags, into which you can stuff pillows and blankets and sweaters and overcoats and stuffed monkeys and any number of other things, then suck out all the air with the enclosed hand pump and watch it shrink by 80% so you can slide it under your bed and forget about it for mold and moth-free years. (OK, it's not a pump, because it sucks, so call it a handy little sucker.) Also dandy for travel because the little sucker doesn't take up much space, so you can shrink your return laundry too--and keep it hermetically sealed. Works even faster with a vacuum!

47979 Huge 40"x 72" Vac Bags $17.50/each

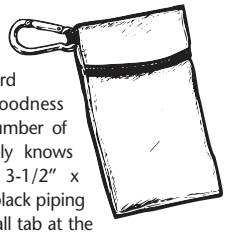
Is The Library Safe?

This isn't a book, but it's definitely bookish. Looks like a leather-bound volume from the Bodleian but it's just a little wooden box, approx 8-1/2" x 5" x 2" (7" x 3-7/8" x 1-5/8" inside) that's perfect for stashing the jewels, cash, or whatever you need to stash in plain sight on the shelves.

94850 Book Safe $12.50/each

NEW!

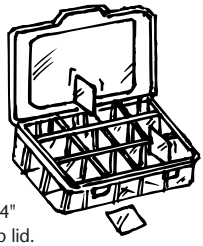
Pretty Soft



In soft poly-foam and a pretty powder blue color, we think this case was made for standard smart phones, although goodness knows you could keep any number of things in it. (Badness probably knows that, too.) Measuring 6" x 3-1/2" x approx 3/8", it has a slot with black piping 1-1/2" from the top, and a small tab at the top corner with a removable, silver carabiner on it.

48546 Soft Blue Case $1.95/each

Fussbudget Box



Do you hate it when the spaces in storage boxes are bigger than the stuff you're storing? You need this translucent plastic (polypropylene) box with (14) storage sections that can be customized by sliding the (13) dividers into your choice of (24) sets of slots. Measures approx 7-3/4" x 6-1/8" x 1-7/8" deep with a snap lid.

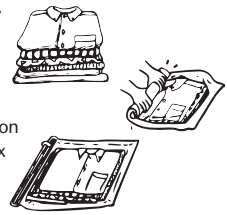
95626 Adjusta-Box $4.85/each

Doctor, I Have This Tote

This gusseted, white plastic tote bag measures 17" x 16" x 4" with handles approx 12" long and has, for reasons unclear, a front that mimics a doctor's jacket with a stethoscope hanging around the neck of the bag. Ignore the faux medical-ness and just treat it like any other handy, waterproof plastic tote at a ridiculously low price. Or, go around telling people you're in med school.

48137 Doctor Tote $1.95/each

Roll 'Em, Roll 'Em, Roll 'Em



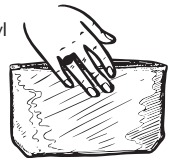
Stuff your duds in these giant bags, roll 'em up to expel the air, then slide the sturdy zip-seal zipper to vacuum seal your clothes for storage or travel. No pump required—you be the pump. You pick: the Lg/Med collection with its (10) bags, (5) large at 28" x 20" and (5) medium at 24" x 16"; or the Lg/Med/Sm collection with its (10) bags, (4) large at 28" x 20", (4) medium at 24" X 16", and (2) small at 20" x 14".

47974 Lg/Med Vacuum Bags $9.50/each

47975 Lg/Med/Sm Vacuum Bags $9.50/each

NEW!

Snazzy Bags In Satin



These satin-finish zipper bags have a vinyl interior and measure 20" long x 10" tall x 4" wide when you open the gusset on the bottom. Sort of the proportions of a giant pencil holder. Made for some specific purpose that nobody has shared with us, but think giant clutch bags, travel organizers, dressy briefcases or cash deposit bags to impress your bank. We'll pick one in red, black, lime green or royal blue.

48270 Zippered Satin Pouch $2.95/each

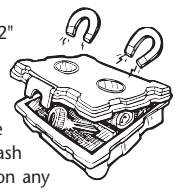
Got Plastic Ammo?

Just like (pretty much) the old steel ammo can GIs carried, and then carried home to their garage workshops, but in olive drab or black plastic, which doesn't rust. Measures 11" x 7" x 5" with a gasketed flip-up lid, 3" latch and a 5-1/4" folding handle on top.

96954 Plastic Ammo Can $8.75/each

NEW!

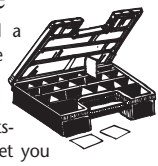
Another Black Box



This one measures 5" x 4" x 2" (4-1/2" x 3-1/2" 1-1/4" inside) in heavy plastic, and is weatherproof with a pair of gutsy 1" dia, 20-lb pull magnets on top. Hide keys, cash, the title to the Maserati or whatever stash you're stashing inside, and stick it on any ferrous surface for safe-keeping. Has (3) removable dividers on the long axis inside. Manufacturer says it's air-tight and will keep regular or 100mm cigarettes fresh, but your significant other is going to catch you anyway, ace.

48432 Magnetic Safe Box $12.95/each

ALL Things To ALL People



This deluxe ABS storage case is called a Store-It-ALL, and it does. But it could be called a Carry-It-ALL, for the sturdy handle and locking clasp, or it could be called a See-It-ALL, for its translucent lid. Or a Fits-It-ALL, for the removable dividers that let you configure it with any number of compartments from 5 to 26. But the 12" x 18" x 3" OA case should really be called ALL-I-Ever-Needed- To-Get-Organized!

92454 Store-It-ALL Box $13.95/each

Hey, Jute...

Time ago, burlap bags're all over the place, child. We used 'em to make sandbags, protect winterin' plants and keep down weeds, sew up scratchy britches, and collect frogs. Made dog beds out of 'em, fulla wood chips. These here burlap bags used to have coffee inside and they say they're from lotta different countries and your'n might could be anywhere from about (3) to (4) foot long by 28" wide, good fer big dogs or small dogs-lotta frogs either way.

20372 Burlap Bag $9.50/pkg(2)

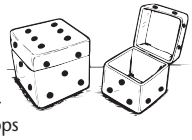
NEW!

Terrific Totes

You don't have to send money to your local public TV station to get these better-than-your-average tote bags. Just donate the ridiculously low amount of either $3.50 or $6.95 to your favorite surplus supplier and you're ready to tote. No logos, either. You pick: the lime green and black one is cotton canvas and measures 15" x 14" with a 4"-wide gusset on the bottom and a 9″ deep x 8″ wide pocket on the side; or the extra-heavy cotton one in white with an even heavier red canvas bottom, measuring 17" x 14" x 7″ wide with a pair of 24″ leather handles.

48410 Green/Black Tote $3.50/each
48269 White/Red Totes $6.95/each

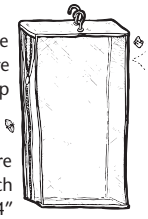
Nice Dice



Call them the croupier's keepers of keepsakes. This pair of nesting wooden boxes are solid and handcrafted to look like white dice with black pips. Fully assembled, they have sliding hinges so the tops will stand open. Our each is a pair. The large one is an 8-1/2" cube; nested inside is a 7" cube. Both have finished white interiors. Will they complement your decor? Life's a crapshoot—take a chance—but we bet these classic black-and-white bones will look good anywhere. Go ahead, count the compliments you get on them.

48206 Jumbo Dice Boxes $34.50/each

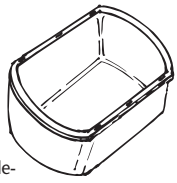
Drives Moths Mad



These white nylon mesh storage bags are made for storing furs out of season, but they're happy to hold any clothing you need to keep moth-free while letting air circulate. Made of white nylon mesh fabric, the tops are solid quilted plastic, 18-1/2″ x 5-1/4″ wide in a wire frame with (2) parallel swiveling hooks. Each bag has a full-length zipper. You pick the 54″ long coat/dress size or the 39″ long jacket/suit size.

46902 54″ Garment Mesh Bag $3.75/each
46903 39″ Garment Mesh Bag $3.75/each

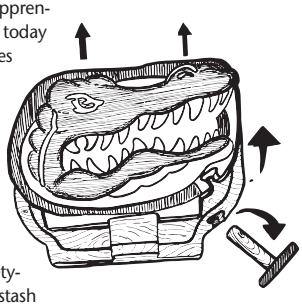
Tub For Toys



Originally intended for hospital use (Think Nurse Cratchit. Think cold, wet sponge baths.), these 12″ x 9–1/2″ x 4–1/4″ deep washbasins have rounded ends and flat lips. The #5 plastic is that wonderful institutional–yellow color. But they're indestructible, short of melting them, and they nest when not in use. Use them to store your craft supplies, the kid's action figures, the cat's squeeze toys. Or take up nursing.

91728 Washbasin 2-pack $3.25/pkg(2)

Stash Your Cache In A Critter

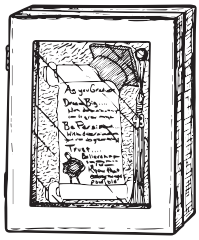


A famous woodworking apprentice carves out a living today making these puzzle boxes from recycled hardwoods. Pull the secret wooden pin and the critter opens up to reveal, well, an empty velveteen-lined box, but it's just waiting for you to put your treasured jewelry, ill-gotten cash, safety-deposit box key, or candy stash inside. Your choice: a gator's cranium, pelican, or a bear on a log, all of which measure about 5-1/2" X 3-3/4" X 3-1/2".

48044 Gator Keepsake Box $9.95/each
48049 Pelican Keepsake Box $9.95/each
48038 Bear on a Log Box $9.95/each

NEW!

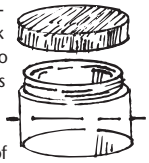
Shadow Boxing Got You Down?



Stop fighting yourself in the mirror. We've got a glass top hinged shadow box that will actually bring you joy and peace. Measures approx 10" x 8" outside with a 9-1/4" x 7" x 1" inside—perfect for displaying anything from keepsakes to your own high-art creation. Has a magnetic closure on the door and a small knob inside, apparently to hang something from. Possibly a graduation tassel? Feel free to run with the included graduation-theme background, but don't box yourself in. Cover the background with paint, labels, tape or something of your own design. This is a timeless, versatile piece. Maybe it's mahogany, we're not sure, but the window is glass. Nice, though. We'd even say classy, and we spell classy with a "c."

48531 Grad's Shadow Box $12.50/each

Lip-Balmy Bottle



These cute clear glass jars measures approx 1-3/4" dia x 1-1/2" tall, counting the black metal gasketed screw cap. Hold 1 oz each. So now go invent a lip balm and get as rich as Burt and his bees before he lost them in the divorce settlement. You know those little jelly jars at breakfast joints? These are kind of like those. You've got a million uses for them.

47461 1 Oz Glass Jars $6.95/pkg(10)

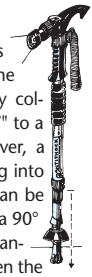
NEW!

CDs Live

Yes they, do. Neither Man nor Woman lives by retro hipster vinyl alone. This binder-style CD book holds (24) discs in back-to-back pages with an orange and translucent cover. Comes in an equally translucent sleeve so the CDs don't fall all over the floor of the car you have that still has a CD player.

48271 24 Disc CD Travel Case $1.35/each

21st Century Walking Stick



Walking sticks have moved into the space age! This walker's/hiker's friend has futuristic features and the look of an inter-galactic weapon. The high-quality collapsible aluminum stick extends from a packable 27" to a full 43", and has a carbide tip with a rubber cover, a removable 2" dia disk to keep the stick from sinking into soft ground, and an internal shock absorber that can be turned on or off. At the top, a 5-LED flashlight with a 90° pivot is embedded in a molded-plastic cane-style handle to light your way. For mountain trekking, lengthen the stick, slip the adjustable canvas wrist strap over your hand, and clutch the stick by the padded foam section below the cane handle. Directions, diagrams, and 1100mm to 1350mm gradations are marked clearly on the 3-draw pole. We'll pick a black or anodized red, green, blue, silver or purple version for you. **PLEASE NOTE:** Our current stock extends to a maximum of 43".

93032 Walking Stick $13.95/each

Slip-Sliding Away?

Avoid those hip-cracking, amateur, sidewalk double-axels with TREX™ slip-ons, extra-aggressive traction spikes. It regularly ices up here at the home office, and we stay on our feet with these. The chains and spikes are stainless steel, with both sole and heel coverage, and the stretchable rubber tops are high-visibility orange for added safety. Comes in a size medium (men's 7-9, women's 8-1/2 to 10-1/2).

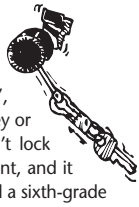
47009 Traction Spikes-Medium $14.50/each

Get 'Em While It's Hot…

It's always hot somewhere. Stay cool with a hyper-evaporative towel. In a sports-jersey-ish fabric, you wet it and wear it--around your neck or head--and the evaporative quality keeps you cool. Measures 40" x 12" in a flattering blue, and comes in a plastic bottle with a carabiner-like clip on top so you can wet it and hang it on your belt until you heat up.

96865 Evaporative Towel $5.75/each

Reel Small



This small, clip-on, retractable cord reel measures just 1" dia x 3/8" thick, in black plastic over steel, with its spring clip on the back. A very thin nylon cord pulls out to reach 18-1/2", with a closed wire loop at the end to hold a key or whatever (think: name-badge holder). Doesn't lock open, so just pull it out and use the attachment, and it automatically retracts when you let go. We had a sixth-grade nun with one of these, but we never knew what the key was for.

96602 Cord Reel $4.25/pkg(2)

It's Only A Sailor Moon

It's all make-believe, but it's also the best-selling Japanese manga series of all time. (Just ask your favorite millennial—they'd be thrilled to explain it to you.) This collectible analog wristwatch features the Sailor Scouts on the colorful stained-glass watch dial, and a Moon Stick second hand. Hours are denoted by colored rhinestones on the case, and they fashionably match each member of the quintet. Leather band measures about 8-3/4", so it should fit the wrist of most guardians of love and justice. Watch face is 1.1", and the whole shebang is powered by an AG4 battery. Licensed by Toei Animations.

47573 Sailor Moon Watch $12.95/each

Take A Knee

You OK? We thought we heard something when you stood up just now. We feel your pain. And we know you're trapped—exercising in place, and in pain. Try this wrap-around Optima Dual ROM (range of motion) knee brace, with lateral support and a polycentric hinge that adjusts for flexion and extension. One size fits most, and provides stability and support with a comfortable latex strap. Measures 12" for less bulk.

47954 Supported Knee Brace $10.95/each

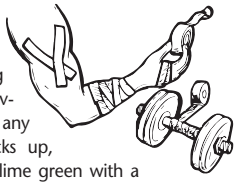
NEW!

Watch From Another Dimension

The Cybertrek watch, in appropriately heavy metal, has no numbers on its diamond-patterned face, but uses a series of blue and red lights to tell time. From Gadgets and Gizmos, who do this sort of thing. Uses (2) CR2016 batteries that will need replacing (inter-dimensional travel is tough on batteries). We look at this watch and wonder if Neo himself delivered it. Time will tell. Integrated chain-link wristband band is 8" long. Order a 5 pack of replacement CR2016 batteries to last you well into your next quantum leap!

48428 Cybertrek LED Watch $6.50/each
96879 CR2016 Lithium 5-Pack $2.95/pkg(5)

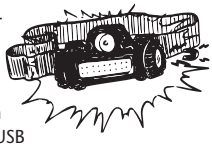
Go With The Flow



Flow Society performance tape's many uses include supporting weak or injured muscles or joints, holding heat/cold packs or pads, improving your grip on equipment (of any kind), and keeping your socks up, which is important. In sporty lime green with a purple Flow Society logo of an eagle, mid-strike. Our each is a roll 1-1/2" wide x 37-1/2 feet long.

48125 Flow Society Tape $2.95/each

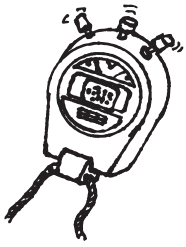
Two Heads Are Better



And now two heads can be brighter with this (2)-pack of rechargeable headlamps. Settings for 120 and 350 lumens in low spot and flood beam modes. Has a head strap with a snap-in mount for the light so it can be removed to charge via a Micro-USB jack. Light swivels 90-degrees and has a magnet on one end for your magnetic convenience. Stretchy headbands fit the largest noggins and the lamps are water- and impact-resistant.

97067 Farpoint® Headlamp $16.50/each

Just Stop It.



This digital stopwatch includes a clock, alarm clock and lap modes. Reading appears in a 7/8" x 7/16" tall LCD display, graduated down to 1/100th of a second. Includes a 16" neck cord. From United Scientific. In assorted, but dignified, coach-appropriate colors.

94161 Digital Stopwatch $4.50/each

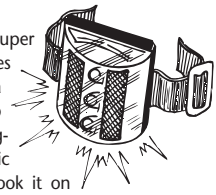
The Amazing Disappearing Stool

Featured Item!

Call it the collapse-a-seat, a portable place to park your carcass without having to tote a folding chair around. Measures 10" dia x 2-1/2" thick when collapsed, like a canister of film on its way to a movie theater. But give it a twist and pull it out like an accordion, and it opens and locks at 18" tall, or anywhere in between for tots. Great for camping, back yarding, fishing, gardening, museum-ing and cow-milking. Manufacturer says it holds big lads up to 330 pounds, but weighs in at a totable 2.5 lbs. Also has a little fabric carrying handle.

97223 Best Selling Collapsible Stool $23.95/each

Safety Flasher



"Laser" safety lights each with super bright LEDs run by (2) "AA" batteries that you supply. It's square and has a flashing or steady LED lamp visible up to 2500 feet (distance may be exaggerated). A 2" x 2-1/2" red plastic reflecting lens covers (3) lamps. Hook it on your belt or pack with the belt clip, use the included elastic strap for arm or leg mounting, or the included aluminum flange to attach it to your bike.. It's great for general use as a warning device or as an emergency signal for roadside breakdowns.

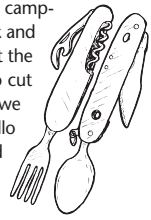
89594 Flashing Safety Light $2.95/each

No Limit On Your Tweets

Once upon a time, tweeting is what birds did, and also what people calling birds did. Return with us now to those trilling days of yesteryear with this little hand-held bird call. Measures 2-1/4" long with a cast-aluminum shaft inside a birch barrel. Twist it to tweet, and there's no limit to how long you go on.

96978 Birch Bird Call $6.95/each

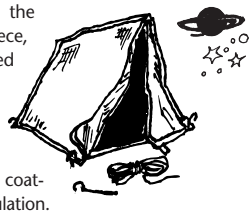
Folding Flatware



Put your silverware on your belt. This 4-1/4" camping implement separates into a fold-out fork and spoon, and the spoon has a fold-out knife at the other end so you can use it with the fork to cut your pork chops. Also includes a corkscrew (we recommend a nice Grenache or Tempranillo with pork chops), a can/bottle opener and the ubiquitous awl. In brushed steel with a black canvas belt pouch that you should put the thing into fork-down or the tines might catch on the fabric and make you crazy.

45782 Camping Flatware $4.50/each

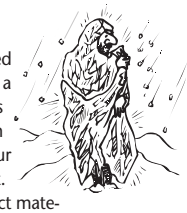
Tube Tent



Tube tents are tubes in the sense that they're one piece, with floors, and can be used as shelters, ground cover or or blankets in emergencies or disasters. This one is bright orange nylon with an aluminized coating on the inside for insulation. Measures 82" x 36". Includes 23 feet of nylon rope for hanging between trees or posts and (4) 9" zinc-plated steel stakes.

94820 Emergency Tube Tent $20.95/each

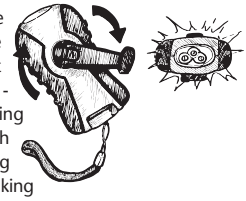
Mylar Warmth



They have the look of something designed for the space program. They're mylar, a paper-thin shiny metallic sheet, that comes in handy when your car breaks down in winter, or when you're separated from your climbing group on the slopes of Mt. McKinley. Barring that, they're also a perfect material for a do-it-yourself cold-climate Halloween costume–near impossible to rip by hand, but cut easily with scissors. There's no padding, so they wouldn't be too comfy on your bed, but they sure are warm. They both come folded about the size of a wallet. The Blanket is 52" x 82", the Sleeping Bag is 34" x 84".

91007 Mylar Blanket $2.75/each
91432 Mylar Sleeping Bag $5.75/each

Crank Up The Lights



Get off the grid and forget the batteries with this nice little dynamo flashlight with wrist strap. Measures a scant 3" x 1-7/8" x 1-1/4" with a folding crank. Has (3) white LEDs with single, triple and flashing modes. One minute of cranking translates to one hour of single-LED light or a half-hour of triple LED brightness. Almost makes buying batteries seem silly.

46936 Dynamo Flashlight $8.95/each

Night Hike?

Go ahead. If you've got your glow-in-the-dark compass with you, you can find your way back without having to grope around trying to feel the moss on the north side of the trees. In brass, 2" dia x 1/2" thick, with a bezel with 2-degree increments and a 13/16" dia hook on top.

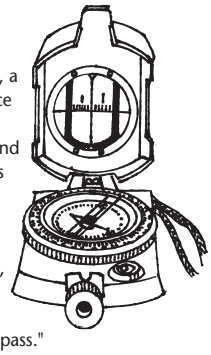
93672 GITD Compass $5.75/each

Emergencies Make Us Cranky

When the lights go out, and everything else goes with them, grab this dynamo light, radio, siren and power source. The am/fm radio has an antenna; the flashlight switches from (1) to (3) LEDs, all through collimating lenses; and there are both a 1/8" headphone jack and a 3.5mm power output jack, plus a 22" USB jumper cord. All this in a packable 7-1/2" long x 2" dia flashlight-shaped unit with a storage battery.

94831 Emergency LED Radio $19.95/each

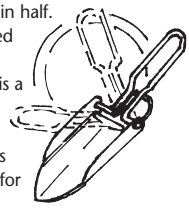
Lensatic Compass



How to shoot an azimuth for fun and profit: Get the ultimate direction finder, a lensatic compass. It has a 2-1/8" dia face marked in 5-degree increments, a 1/4" dia sight lens, 9/16" dia bubble level, and a 1-1/2" sight with crosshairs. Measures 3-1/4" x 2-1/2" x 1-1/8" when folded and comes with an 18" long cord and an olive drab belt pouch. For instructions, go to www.armystudyguide.com, click on "prep for basic" then "land navigation," then click on "determine a magnetic azimuth using a lensatic compass."

93675 Lensatic Compass $14.95/each

Want To Throw In The Trowel?



This one's easier to toss, cuz it folds in half. Johnny Appleseed would have carried one of these if he'd had our web address. Our folding garden trowel is a 5-3/4" x 2-1/8" when inside its black canvas belt carrier, but opens and locks to 8-7/8" long. All stainless steel, so there are no rust problems for you itinerant gardeners.

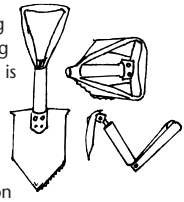
93671 Fold-A-Trowel $6.50/each

Water, Water, Everywhere...

And not a bottle in sight. Campers, emergency responders, boaters, coaches, itinerant dog-washers—anyone who needs to carry substantial quantities of water—will love these collapsible, BPA-free, plastic water containers with built-in handles and spouts. They fold flat for storage, and when you fill them with water, they pretty much stand alone. You pick. The clear 10-liter bags measure 16" x 15" x 8" and weigh 21 lbs when full. Stay hydrated, Surpies.

48119 10-Liter Carriers $12.50/pkg(2)

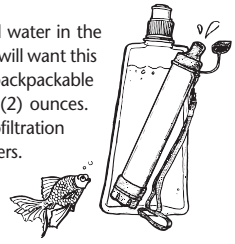
Know When To Fold It



Veterans will know this as an entrenching tool, but to everyone else it's a folding camp shovel. Our hardened steel version is 22-1/2" long when open, folds to a measly 9-1/2", and weighs just over 2-1/2 lbs. Blade is 8-1/4" long x 6" wide, serrated on one side. Fits into the light canvas pouch, which you can carry on your belt because you never know when you'll need to dig a hole.

94814 Folding Shovel $9.95/each

Clean Water Anywhere



You can only carry so much bottled water in the woods. Campers and preppers alike will want this water purification tube, eminently backpackable at 9" long x 1" dia x an ultralight (2) ounces. Called the Water Washer, its microfiltration membrane is good for 1,000 liters. Meets EPA and U.S. Food and Drug Administration standards, and filters out 99.9% of waterborne protozoa and 99.9999% of bacteria, including E. coli and salmonella. No batteries, no BPA, no chemicals, no aftertaste, and no reason to go into the wild without one. Or two.

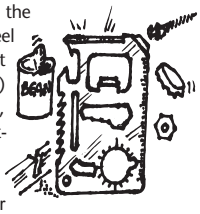
47623 Water Filtration Straw $19.50/each

Faux Hurricane Lantern

It's faux hurricane season here in Chicago, and time to break out our faux hurricane lantern. Regardless of the season, though, it's great as an accent light in any room, back yard or camper. Stands approx 10" tall x 5" wide, in steel with an antiquey copper finish. Has a carrying/hanging handle, and a push-button turns on both a 25-lumen flickering LED flame and an 80-lumen bright-white LED. Comes with (4) "AA" batteries.

96738 Hurricane Lantern $16.95/each

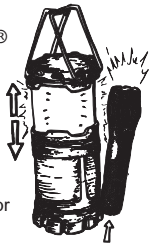
Reality TV Survival Tool



Nobody would dare vote you off the island if you have this stainless steel survival tool. Smaller than a credit card at 2-3/4" x 1-3/4", it has (11) functions: can opener, knife edge, flathead screwdriver, small ruler, bottle opener, 4-position wrench, saw blade, 2-position wrench and a couple more. Slip it into your wallet or hang it on your keychain, then go get lost.

94073 10 Function Survival Tool $2.95/each

iZoom Twofer



From the enlightened folks at iZoom® comes this two-pack with a 600-lumen collapsible lantern along with a bonus 350-lumen flashlight. Lantern is gunmetal gray and collapses from 7" to 5" tall. Black aluminum flashlight is 6" long with settings for high, medium, low, strobe and SOS. A great gift set for any camper, and batteries are included.

96737 COB Torch & Lantern $12.50/each

Make Pretty Colors In The Fire

Just toss this little pack, unopened, into a wood fire and watch all the pretty colors. (For you chem majors, it contains 25 grams of cupric sulfate, cupric chloride and PVC crystals.) And do we have to tell you not to eat or inhale it? OK, don't eat it or inhale it. Just watch it blow your mind.

95993 Magical Flames $3.95/pkg(3)

Beauteous Brass Sextant

Sextants came along after astrolabes but before GPS. (Just like you.) They're used for finding latitude and the distance between objects, and are still the non-electric, non-satellite-dependent back-up for navigators. Ours is a beauty in solid brass with glass optical components, at a tiny price. Measures approx 4-5/8" x 4-1/4" x 3-1/4" OA and comes in a very nice wooden case. Includes instructions for use, which you're going to need unless you went to Annapolis where they still teach it because computers can still go all kaflooey. (Note that well before computers started going kaflooey, compasses and sextants lost an adventurer here and there, too, so don't call us if you and the sextant set out for Madagascar and end up in Iceland.)

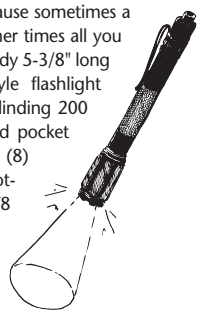
93559 Brass Sextant $46.50/each

Be Like A Boy Scout

Always be prepared. Even if it's not raining, toss one of these one-size-fits-pretty-much-everybody (they're 61" x 65") assorted colored polyethylene hooded ponchos in the car, another in your backpack, a third in your coat pocket or purse. They're thin, emergency-type protection and come folded up in a packet about 3" x 5" x 1/2" thick. You get (3) because you just can't be too prepared.

94102 Rain Poncho $3.95/pkg(3)

A Light In Your Pocket



Clip a light on your pocket, because sometimes a big ol' flashlight is great and other times all you need is a little one. This nice, sturdy 5-3/8" long LED Versa Beam® penlight-style flashlight with 2 light levels including a blinding 200 lumens hi-mode, slide focus and pocket clip. The pocket driver includes (8) precision bits, 2mm & 3mm slotted, #1 & #2 Phillips and T5-T8 Torque bits that store in the 4-3/8" knurled body and, of course a pocket clip. Set comes with (2) AAA batteries.

97066 LED Driver Set Flashlight $7.95/each

G.I. Can Openers

Newly manufactured P-38 Can Opener from the same folks who supply them to Uncle. It folds! into 1-1/2" x 5/8" flat piece which is easily carried and lost. Reportedly works much better than the Asian knockoffs for those who really want to gain entry to the Spam!

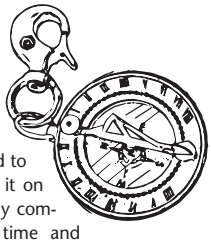
20787 G.I. Can Opener $2.85/pkg(5)

Like A Candle in The Woods

You will survive with this Survival Candle, a 3-wick burner made of soy and palm wax in a 3-1/8" dia 2-3/8" tin can with a lid. Rated to last up to 36 hours.

95105 Survival Candle $3.95/each

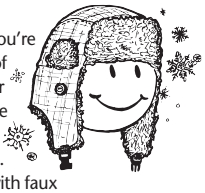
Get Lost



And you'll get found again, and you'll also know what time it is. This 1-3/4" dia x 1/2" thick device has a pull-up pointer flap that makes it a working sundial positioned above a compass. Folds flat and has a ring that's attached to a lobster clip, so you can hang it on your belt or pocket clip. A handy companion for traveling through time and space, if that's your thing.

48088 Pocket Clock & Compass $7.50/each

The Hat Of Adventure



If you're wearing a winter trapper hat you're telling the world that you're a person of action. A pilot, an explorer, a hiker, or maybe even an actual trapper. You're also telling the world that you don't like having a cold head. Winter is coming. Get one now. Ours are polyester-lined with faux fur and earflaps in assorted styles. Measure 8-1/2" from the top of the head to the back of the neck, with 4" earflaps and molle buckle chin straps, many with elastic bands. One size fits all.

47478 Winter Trapper Hat $7.50/each

47478p2 2 Pack Savings! $13.50/pkg(2)

NEW!

Roll Out The Barrel

And if you're doing it at night, use this cute little barrel-shaped, black and silver, 6-LED flashlight while you do it. Measures 2" tall x a tad over 1" dia with a removable fabric wrist strap. Comes complete with a pair of dead button cell batteries, but we'll include replacements because, well, that's how much we care. We don't want any Surpies getting lost in the dark.

48415 LED Barrel Lights $2.95/each

Squashbottle

Special for bottlesquashers. This collapsible, non-toxic silicone water bottle (In assorted colors) is easily the cutest thing that ever held H2O. Starts out like a little squat barrel approx 5-1/2" x 2-3/4" dia, but pull up on the top and it rises to a full 9" tall. Flip cap has a screw-down lock, and there's a carabiner near the neck to hang it from. Holds approx 17 oz, comes in four assorted water friendly colors and is rated for -40 to 400 degrees Fahrenheit. Great for camping, hiking, mom-ing and kid-ing.

96741 Collapsabottle $8.75/each

Pick Your Metal Detector

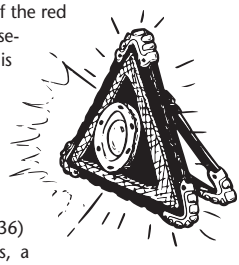
Metal detectors by Bounty Hunter® to fit your needs! The kid-sized Bounty Hunter Junior is 31-1/2" long overall, but loaded with professional features. It includes a 6-1/2" dia detector coil, ballistic meter, controls for power/sensitivity and target elimination (which helps eliminate iron, for example). Also has an audible proximity sensor that works in tandem with the meter. The manufacturer says it will find coin-sized objects up to 5" deep and larger ones up to 2 feet deep. Or move up to the 2.8 lb Bounty Hunter Tracker IV, with a padded arm support and cushioned hand grip, and an overall length that can be adjusted from 45" to 52". Its fully automatic Ground-Trac® constantly adjusts to scan through dirt, rock, wood and mud, and the 8" dia open-face search coil is completely submersible. It has three-mode discrimination (all metal, tone and full); a sensitivity control that filters interference; a large ballistic meter; and an internal speaker that works with or without headphones (not included). It will find small objects up to 8" deep and larger ones up to 3 feet deep. Each comes with a well-written instruction manual, and requires a pair of 9V batteries (not included).

94006 Metal Detector, Jr $59.95/each

94066 Metal Detector Tracker $119.95/each

92297 9-Volt Alkaline Battery $1.95/each

Emergency Triangle



It's like an electronic version of the red safety triangles you see on horse-drawn carriages, but this one is for auto emergencies. The Versa Beam© Emergency Floodlight measures 8" x 7" with (3) bright-white light settings for (5) hours at 300 lumens and up to a max 700 lumens for (3) hours. Has (36) flashing (extremely) red LEDs, a kickstand and a non-slip, padded rubber body. Weatherproof, because it would be dumb no to be.

97145 Emergency Light $14.95/each

Hot Water Heater In The Woods

You don't have to smell like a pole-cat just because you're camping. Our 5-gallon PVC solar shower bag measures 23" x 16" with an in-line valve, 25" hose, 1-1/2" shower head and mounting hook. Mfr says 2 hours in the sun on a 70-degree day gets you 95-degree water.

95463 Solar Shower Bag $8.75/each

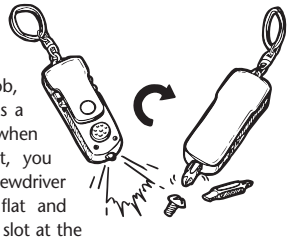
Minimultitool

Our smallest lether-type-person multi-tool is made to hang on your key-chain, and we know that because it has a 1-1/4" carabiner attached to it. Measures approx 3" long x 1" x 1/2" when closed, and opens to a spring-loaded pliers with cutters, knife, file, (2) slotted drivers, #0 Phillips, saw, bottle opener and the ever-popular awl. It'll do most of the jobs you need done. A must-have for any scout.

97011 Tiny Multitool $6.95/each

NEW!

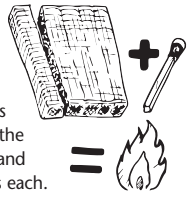
Widgetry



This is niftiness on a chain. This 3" x 1" x 1/2" plastic and aluminum key fob, with chain and split-ring, is a white LED flashlight. But when you pivot the metal part, you expose a pair of double screwdriver bits—small and medium flat and Phillips—that fit into a hex slot at the end opposite the light. Includes button-cell batteries. We'll pick an attractive color, which might be orange, but also might not.

48396 Light-Driver Fobs $5.25/pkg(3)

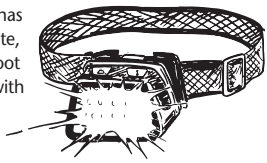
Tinder Is The Night



Daytime, too, or whenever you need to start a fire, especially outdoors. These pressed resinous-pine tinder sticks measure 4" long x 1/2" square, and our each is a box of a dozen. Marked as being from the "Survivor Series," they're water-resistant and slow burning, lasting approx five minutes each.

96499 Tinder Sticks $2.95/each

The Light From Above



This COB LED headlamp has (7) elements, (3) colors (white, red and green) and a 300-foot range. Comfortable, too, with an inch-wide, adjustable 20" elastic headband and a 40-degree tilting head. Packing a max of 350 lumens, the light has high, medium, low and strobe modes in a housing that measures 2-1/2" x 1-3/4" x approx 1-1/4". Hike late into the night, keep your hands free during a power outage, or use the red light option for telescope viewing. Requires (3) AAA batteries.

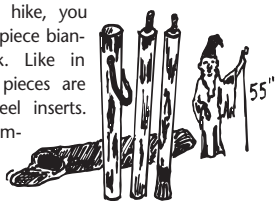
96844 LED Headlamp $9.95/each
92294 "AAA" Alk Batteries $1.95/pkg(4)

All-Steel Swissish Knife

It's a 10-tool Swissesque military survival knife, but without those red plastic handles to break and fall off. Includes stainless steel 2-1/2" knife blade, flathead driver/bottle opener, saw blade, scissors, can opener, fish scaler/nail set, corkscrew, Phillips driver, awl, nail file and the needle-like thing for making buckskin clothes in case you're lost for years. Has a split ring to hang your keys from.

94837 10-Tool Steel Knife $3.50/each

Willie Mosconi's Walking Stick?



If you fly to where you hike, you absolutely need this three-piece bian-bai wood walking stick. Like in portable pool cues, the pieces are threaded together via steel inserts. Measures 55" long assembled, with a rubber tip, wrist strap and water-resistant nylon carrying pouch. Pieces are approx 21" long.

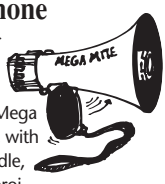
95630 Portable Walking Stick $14.95/each

You Play Winter Ball?

Then you'll need one of these polyester ear bands with an opening for the bill of your baseball cap. (Yes, our worst joke of the catalog so far this year, but it's early.) And these are nice ear warmers and people do wear baseball caps in the winter, but if you don't, these will keep both your ears and nose warm while you look through the slit for the bill. Really.

47585 Red Ear Warmer $2.95/each

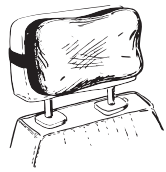
Pro–Quality Mini Megaphone



Have a blast at the family picnic or your next traffic jam — or when boating, coaching the soccer team, or calling the kids for dinner. Jobar's lightweight Mega Mite™ Megaphone is only 8–1/2" long, with a 5–1/2" dia horn and a fold–down handle, but its 5–watt power output lets you project up to 165 yards. Volume control, on/off switch, voice/siren option, hi–impact ABS body that's shock and weather resistant. Adjust the nylon strap to hang it from your wrist or around your neck. Uses (4) "C" batteries (not included).

92024 Megaphone $14.95/each
92295 "C" Alkaline Battery $2.75/each

Automotive Squishiness



Made to strap onto the headrests in your car, this super-squishy pillow puts those airplane neck thingies to shame. Made of microfiber that's irresistible to touch, it measures 10" wide x 6" tall and is approx 4" thick before you squish it with your head. Black back and neon orange front. Excellent for post-prandial naps after drive-through lunches.

97012 Headrest Pillow $3.60/each

NEW!

Boop-Oop-A-Doop!

Some of us here at the home office have a special devotion to Betty Boop, the cartoon cutie who made Snow White look like Pluto. Which is why we snapped up these 9" x 4-1/2" zippered pencil pouches festooned with images of Betty on the front and a genuine, faux, black-leatherette back. Has a surprise polka dot interior and no, of course you don't have to use it just for pencils. Got intellectual property worries? This is an Officially Licensed Betty Boop product.

48449 Betty Boop Pouch $7.50/each

A Lanyard For Wizards

This official Harry Potter lanyard is stretchable, to foil the evil lanyard snatchers we all encounter at wizard conventions. Licensed by Warner Bros., it's approx 20" long x a scant 1" wide, printed with the seals of the Hogwarts houses, and has a 1-1/2" clip at the bottom.

47377 Wizardish Lanyard $6.50/pkg(2)

Silicone Squashy Reusable Cup

Our squishable silicone coffee cup looks like the takeaway cups you get at coffee shops, complete with the slide-up cuff that keeps your fingers from burning or freezing. Now you can drink your frappalattes or milkshakes out of reusable silicone instead of paper and save the planet. Our cup handles freezer temps down to -40F, and hot temps up to 446F. Squash the cup when you're done, and put it in your pocket to use again later. Holds 10 oz and stands 5" tall x 3-1/4" dia at the top. Push on its head and watch it sink to just half its size. We'll send you one in white and aqua, navy, red or lime green to match your eyes.

97042 Collapse-a-Cup $6.50/each

Pine Trees Are So Over

Next time you hang an air freshener from your rear-view mirror, make it something your passengers will remember. These are all approx 4" to 5" long and bring a little something to the party that a paper pine tree can only dream of. You pick the lingonberry-scented "Uff Da!" square in Norwegian red, blue and white, topped with a horned Viking helmet; the creepy hairless cat in a Buddha pose, smelling of sandalwood; the bubblegum-scented rubber chicken; or the largest tardigrade (aka moss bear or water piglet) in the universe, redolent of green apples.

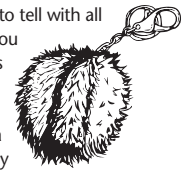
96885 Uff Da! Air Freshener $3.85/each
96749 Cat Air Freshener $3.85/each
96751 Chicken Air Freshener $3.85/each
96752 Tardigrade Air Freshener $3.85/each

The Big Bertha Of Water Bottles

This sleek stainless steel water bottle from a Callaway Golf promotion holds (25) oz, which should keep you hydrated until the turn, when you can switch to beer. No logo, thank you, and it measures 10-1/4" x 2-7/8" dia with a screw cap that has a hanging loop. Comes in a black velvet bag (with a logo), which you can use to hold tees. Pro shop price is $27.95. Our price is like a double eagle compared to that.

48258 Callaway Water Bottle $7.50/each

Fuzzy Wuzzy Wasn't A Bear

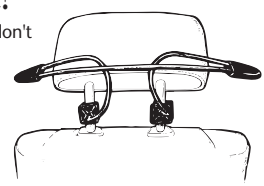


Once upon a time, he or she (it's hard to tell with all that fuzz) was a keychain fob. Now you can own a bunch of them. Our each is a dozen fuzzy and furry red, white and blue blobs (or are they poofs?) on a 1-1/2" chain with a split-ring and a spring-loaded clip, so they're actually still keychains. The fobs are 2-1/2" squares under all the fur, but it's hard to tell. Mighty cute, though, and perfect for patriotic cheerleaders' car keys, or as hanging cat toys, or for conversions to special earrings, or as party favors.

48346 Fuzzy Fobs $7.50/pkg(12)

NEW!

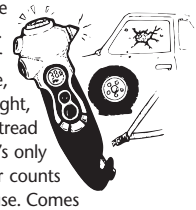
Hang Up Your Coat!



We sound like your mother, don't we? Well, she was right, you should hang up your coat, even when you're in your car. The Auto Coat Valet is a stainless steel hanger made so you can safely drape your jacket from it instead of putting it on the hook above the back door so it can block your vision or fall on the floor and be all wrinkled when you get wherever you're going. No installation, just squeeze the valet and let the brackets slip onto the post on the headrest. Will fit any headrest with bars of 1/2" dia or smaller and brackets may need a little encouragement to swivel at first. You'll never arrive wrinkled or rumpled again.

48398 Auto-Seat Hanger $9.50/each

Auto Eightfer, Er Sevener



We love multipurpose stuff like the Internet loves cats dressed as people. And we dearly love this 8-way tool for your car, which has a digital tire gauge, glass-breaker head, white LED flashlight, blinking red LED, seat-belt cutter, tire-tread gauge and air-release valve. Yeah, that's only (7). Surplus, y'know. The manufacturer counts the magnet and lanyard as the eighth use. Comes with (2) "AAA" batteries and the whole thing is just 7-1/2" long.

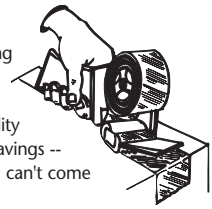
97113 Automobile Multitool $14.50/each

Keep On Truckin'

Made for truck and bus tires, but anyone tired of kneeling on gas station asphalt will love this 13" long x 5/8" dia air gauge. In nickel-plated brass, it has dual Schrader fittings, one straight on, the other on the reverse side at 45-degrees to ease use and save your back when the valve is at the top of the tire. Reads from 10psi to 160psi in 2psi increments.

96944 Big Air Gauge $12.95/each

Carton Tape



Our tape is clear, 2" wide, 55 yards long and on a 3" core. It can be used for sealing cartons or as a protective covering over labels. Very sticky, high-quality tape made in the USA. Compare the savings -- even discount stationery store catalogs can't come near our prices.

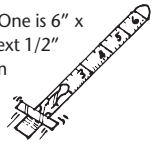
3994 Clear Tape, 55 Yds $4.95/pkg(3)

Big Bag Of Bands

Our each is a half-pound bag of rubber bands in assorted sizes and equally assorted colors, and how many is that, you ask? Darned if we know. Looks like about a third of a gazillion, but that's just an estimate. You won't run out anytime soon.

43461 Buncha Rubber Bands $2.75/each

Steel, These Rulers



Our each is a package of (2) steel tech rulers. One is 6" x 1/32" for the first 2-1/2" then 1/64" for the next 1/2" then 1/16" for the last 3". The other is 150mm x 0.5mm. Both have sliding markers/pocket clips, and both have mm:inch tables on the reverse side. You'll need excellent eyesight.

95958 6-Inch Tech Rulers $3.50/each

Post-It Note Roulette

What we have here are 96-sheet, white genuine Post-It note pads, 4" wide x just shy of 3" tall with adhesive strips on the top edge. Plus, for mysterious reasons, the samples we received have letters or names (mostly girl names) strung across the top margin in pink, blue or green. Just ignore them and play a little Post-It note roulette. We'll stick our hand in the oversized box and pull out 10. That's why they call it surplus and that is why genuine Post-It notes are this cheap.

46735 Letter Notes $3.95/pkg(10)

Smear Not

Gel pens and mascara—the two causes of smear fear. Cure the first one with this pack of (20) gel highlighter markers. They're not felt-tip highlighters, but a waxy, crayonish filler that lays down a day-glo translucent stripe. You advance it by twisting the top. Manufacturer says it won't dry out, smear or bleed through. You'll get (10) neon yellow-chartreuse plus (2) each in pink, purple, blue, green and orange.

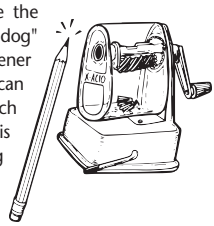
48264 No-Smear Highlighters $8.50/each

Engineer's Fashion Accessory

No self-respecting number cruncher can afford to be seen without one of these fashion classics. We'll send you (3) classic white vinyl pocket protectors in the traditional 5-1/2" x 3-1/2" size. The front flap is blank so you can add your own name, business or drawing of your favorite Star Trek character. Order quickly; It's only a question of time before these are seen on the runways in Milan.

18995 Pocket Protectors $4.95/pkg(3)

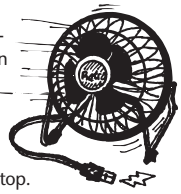
This Bulldog's Got Some Teeth



From X-Acto®, the folks who make the precision arts & craft knives, the "Bulldog" is an old-school crank pencil sharpener with a translucent red case so you can keep tabs on your shavings and watch the menacing teeth grind away. Unit is roughly 5" tall x 4" wide (including crank handle) x 3" deep. The square rubber pad on the bottom provides suction when the side lever is pulled. Works best on a flat surface, but you knew that.

47708 X-Acto® Pencil Sharper $7.75/each

Metallica Fans



These miniature versions of the traditional floor fan say "Retro Mini Fan" on them, and the retro part is that the blades and cages are all metal. The handy part is that they're just 5-3/8" dia and the plug is a USB, ready to cool you off right from your (actual) desktop. Tilts 180° up and down and comes with a 4-foot cord. Super quiet, too. We'll pick one in red, blue or black.

94606 Metal USB Desk Fan $6.95/each

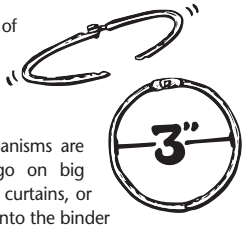
Sharpener Missing?

Or are you just under heavy pressure to start writing right now! We know, we know. That's why our copywriters always buy these pre-sharpened #2 pencils, to get those terrible jokes down on paper ASAP. And yes, they have erasers because sometimes we're not funny, and we all make mistakes. In packs of (12) at 7-3/8" long.

97048 #2 Pencils $2.95/pkg(2)

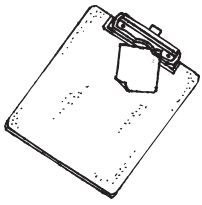
NEW!

The Rings That Bind



Somewhere there are a bunch of three-ring binders that have lost their rings. Our each is (10) of these steel rings, 3" dia x 3/16". Their standard binder-style snap locking mechanisms are opposite the hinges. Could go on big wooden curtain rods or shower curtains, or you could buy a bunch and go into the binder business. Also: bracelets or really insecure handcuffs.

47613 10-Pack 3" Binder Rings $2.95/each

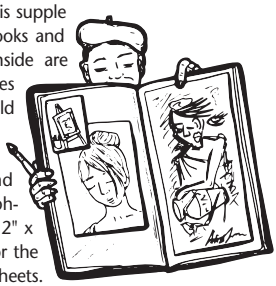


Low-Profile Clipboard

The low-profile, approx. 5" wide steel clip stands just 5/16" above the 1/8" thick natural-tan pressboard of this trim clipboard. Measures approx. 12" x 9". Made to slip conveniently into a briefcase, but also has a hole on the backside of the clip for easy hanging.

38398 Low Profile Clipboard $2.25/each

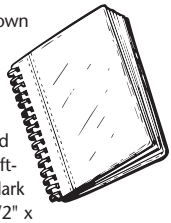
I Can't Believe It's Not Leather



You'll be fooled, too, by this supple presentation binder that looks and feels like black leather. Inside are (24) non-glare plastic pages with black inserts to hold (48) sheets back-to-back. Sheets are archival, heat-resistant, transfer-free and safe for all art photos, graphics or print. You pick the 12" x 18" for 11" x 17" sheets, or the 10" x 12" for 8-1/2" x 11" sheets.

47764 10"x 12" Portfolio $12.50/each
47763 12"x 18" Portfoilo $17.50/each

Better Take Better Notes

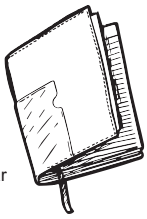


We don't know why, but Bergamo, a town in the Lombardy region of northern Italy, has given its name to high-quality spiral-bound notebooks. They're popular as journals or travel notebooks, and this one has (100) ivory pages lined on both sides. Also has a plain "soft-touch" cover (think suede-like). In a dark maroon/chocolate color. Measures 5-1/2" x 8-1/2". Jot down your thoughts and musings (you know you've got some good ones) or they might be gone forever.

48259 Bergamo Notebook $4.50/each

NEW!

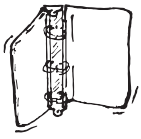
Blue Ribbon Notebook



This (75)-page, shiny blue notebook has a matching blue-ribbon bookmark. Measures 8-1/4" x 5-1/2" x 1/2" thick with white pages lined on both sides. Also has a translucent business card holder on the front that wraps around to the back. It'd be a snap to tear it off if you didn't need or want it.

48261 Blue Ribbon Notebook $3.50/each

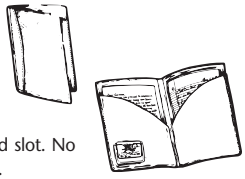
Bind With Polypropylene



It doesn't stain when you spill your latte on it. You pick from our selection of plastic (polypropylene) three-ring binders with 1-1/2" rings, measuring 11-3/4" x 10-1/4". You choose berry, lime-ish green, or Wedgwoody blue (Teal to those without an art degree.) with 1/16" thick covers, or the thinner, 1/32" cover, in blue only.

46391 Thin Blue Binder $3.25/pkg(2)
46392 Blue Binder $3.25/pkg(2)
46393 Lime Binder $3.25/pkg(2)
46400 Berry Binder $3.25/pkg(2)

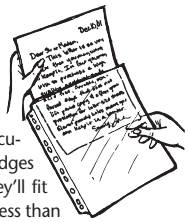
For Professional Executives Only



These professional executive portfolio covers for presentations will hold up to (50) sheets each. In black vinyl with a silver-gray binding, they have (2) interior pockets plus a transparent business-card slot. No amateur executives need apply.

48278 Portfolio Covers $1.95/each

Don't Change Your Sheets

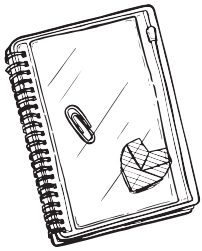


Pocket protectors are for nerds (like us) but sheet protectors are for smart and sensible people (like you). Not bed sheet protectors! The (100) sheet protectors in this package are for your important documents. At 11" x 9-1/4" with reinforced edges and (11) holes punched in them (so they'll fit any binder), these things are priceless at less than five bucks for the lot. Acid free and archival-safe, too.

97047 100 Sheet Protectors $4.95/each

NEW!

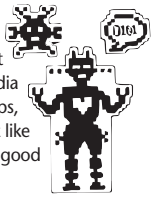
Spiraling Into Control



Keep track of things with this (80)-page, 5" x 7" spiral notebook with white pages lined on both sides and stiff orange plastic covers. Front also has a clear plastic zip-lock envelope for whatever you need to carry with your notebook—we don't like to pry.

48275 Spiral Notebook $3.75/each

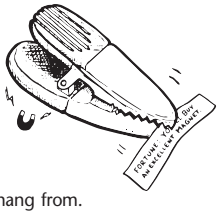
Beep Beep Beep Blip Blip Blip



Invasion from space. Our each is (2) packs of (2) sets each of Space Invadery pixilated decals, including a sheet of (12) at 5/8" to 3" and a sheet of (18) from 3/8" dia to 4-1/2" x 1/2", including a bunch of beeps, blips and 0101s. Packed in a jewel case just like CDs come in because, we figure, there's a good surplus market in those cases.

46958 Space Decals $3.95/pkg(2)

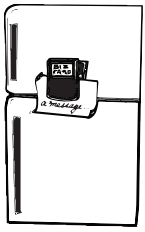
Big Clips



These easy-to-locate fridge or filing cabinet clips, 3-1/2" long x 1-1/4" wide, have big serrated jaws, and a disc magnet on the back. In white plastic with rubber grips in assorted colors that we'll pick because who cares what colors your shipping lists hang from. These things never go out of style. Stock up.

47905 Magnetic Clips $1.25/each

Fridge Or File Cabinet Clip



You could use this jumbo clip to close your bag of chips, and you could write your name on it, or slip your business card into the slot on the front, so your family and co-workers will know to keep their grubby little fingers off your snacks. It's a giant 6" wide x 5" plastic clip with a large magnet on the back and it'll clamp down and hold on your fridge as many as (25) sheets of paper all at once, if you're not into salty snacks. Stick it to the fridge or file cabinet and use it to hold shopping lists, overdue expense receipts, love notes or gentle threats to family, co-workers or both. We'll pick one in red or blue, neither of which will match your fridge or file cabinet, probably.

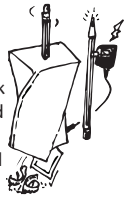
47906 Jumbo Magnet Clip $2.95/each

Pencils For The Whole Jury!

Or enough mechanical pencils to write all the copy for our catalogs until the cows come home—and cows have been back-ordered for years. Our each is a dozen TEK Writer™ precision 0.7mm pencils with top lead-advance, soft grip and anti-roll barrel. Includes (48) extra leads and a dozen extra erasers because to err is human. In an assortment of (6) colors, so one will always match your outfit.

48266 Mech. Pencil Set $9.50/each

Twisted Sister

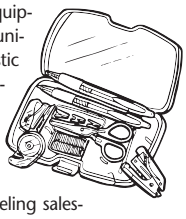


Behold the first attractively designed electric pencil sharpener since Edward C. Hoffman's 1943 art deco Electro-Pointer. (You could look it up.) The Spira from X-ACTO® is a rotated rectangular column, 5-3/4" tall x 2-3/4" square, in lipstick red plastic. Plugs in via a wall adapter, and has a hardened steel cutter inside plus a one-touch release on the bottom for emptying the shavings. We see a future classic.

46191 Electric Spira Sharpener $12.95/each

NEW!

Lilliputian Office Supply, Inc



This might be the smallest set of office equipment, and the cutest, in the known universe. You'll get a 6" x 4" x 1" clear plastic case with a small ballpoint and mechanical pencil, a mini-scissors, (3) tiny plastic paper clips, an itsy stapler and a second, itsy-bitsy stapler (1-1/2" x 5/8"). There's also a tape dispenser you could hide in a doughnut hole. Good for traveling sales-chipmunks. We give it six stars on the fun scale. ⚠WARNING:: CHOKING HAZARD–Small Parts. Not for children under 3 yrs.

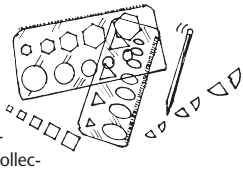
48411 Micro Office Equipment $3.75/each

Here's A Test For You

What would you use to fill in those little circles? You'd use this extra-wide Scantek™ test-taking mechanical pencil? You passed! The lead in this beauty is the famous #2, and is .09mm wide, like an italic pen nib. Comes with refill leads, a pocket clip and a large eraser. If our Tech Whiz Billy had had this pencil when he was younger, he'd have made double 800s on the SAT and wouldn't be working here today. Also great for doing calligraphy in pencil, which makes teachers swoon.

48265 Mech. Testing Pencil $1.75/each

Stencils-A-Go-Go



It's a cornucopia of stencils. All shapes, no alphabets. You'll get a profusion of (8) clear acrylic stencil sheets, including: a raft of ovals; a preponderance of squares; a farrago of circles, hexagons, pentagons and triangles; a collection of a bunch of shapes, including trapezoids; a roomful of interior design shapes; a melange of electronic symbols; and an assortment we can't altogether identify, but might be for printed circuit design. All have mm rules along at least one edge.

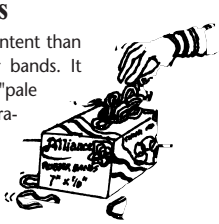
95997 Shape & Symbol Stencils $5.95/each

Tired Of Changing Sheets?

Get this pack of (15) 8-1/2" x 5-1/2" sheet protectors for half-size daily planners. They're seven-hole-punched for Wilson Jones® calendars, but will also fit most binders, including three-ring versions if you throw caution to the wind and skip some holes.

48277 Small Sheet Protectors $1.95/each

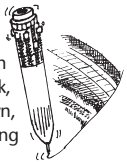
Superior Rubber Bands



Because they gots more rubber content than your regular, non-superior rubber bands. It says so on the box. They're also "pale crepe gold" in color, which is your traditionally favored rubber band color. Our each is box of at least (300) Alliance rubber bands, each a 7" long loop without stretching it, and 1/8" thick, in a tissue-style perf-top box. Really, really stretchy.

37673 Rubber Bands $1.95/each

The Full Spectrum Pen

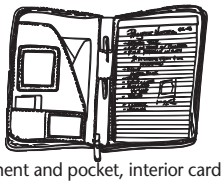


One pen, nine colors. Develop complicated note-taking systems, or just send colorful hate mail with this 6-1/4" long ballpoint with cartridges in black, orange, dark green, purple, light green, red, brown, magenta and aqua. Slide the button of the matching color to write, push the top down to release it.

94430 Multicolor Ballpoint $3.19/each

NEW!

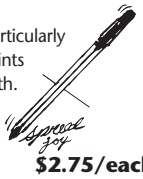
Take Notes



This notebook portfolio, the sort usually labeled "Executive" by copywriters, measures 13-1/2" x 10" x approx 1-3/4" thick. In black pleather and nylonish canvaslike accents, it's zippered on three sides with a front zippered compartment and pocket, interior card slots and a pencil holder. Comes with a letter-size pad of paper inside, but if you only take notes on those new-fangled electronic tablets, you could keep one of those inside here, too.

48399 Zippered Notebook Folio $9.50/each

The Joy Of Writing



InkJoy is the Paper Mate® name for a particularly smooth ink, but it's the medium 1mm points that make these so pleasant to write with. Measure 6" long with black ink and pocket-clip caps. Our each is a pack of (8) pens.

46430 Medium InkJoy® Pens $2.75/each

Flips Its Lid!

This 8-digit flip-top calculator has all the standard features and can be powered by its solar cell or the included button-cell battery. Measures 5" x 3-1/2" x 3/8" thick and has a 2-1/8" LCD display. Good to have on hand since the calculator in your head isn't always accurate.

47368 Solar Flipper Calculator $3.50/each

BE-BE-BE BEAKERS

Graduated and made of heat resistant glass, these beakers are perfect for the lab or science project, for parties, as flower vases or a toothbrush holder for your science-minded sweetie. Select from the listing below:

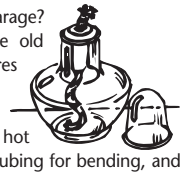
88984	**Beaker, 50mL**	**$3.25/each**
88985	**Beaker, 250mL**	**$4.65/each**
88986	**Beaker, 600mL**	**$5.95/each**
88987	**Beaker, 1000ml**	**$9.25/each**
92611	**Beaker, 2000mL**	**$18.50/each**

Litmus Papers

Chemically treated paper strips to test for acid or base (alkaline) solutions. Use the blue for acids, the red for bases. The more sophisticated pH test paper strip indicates pH from 1 (bright red) to 14 (dark brown). Values in between can be read by comparing with a color chart that comes with the strips. All have (100) strips of test paper per vial.

88217	**Blue Litmus Paper**	**$3.25/pkg(2)vials**
88218	**Red Litmus Paper**	**$3.25/pkg(2)vials**
88219	**PH Test Paper**	**$3.10/vial**

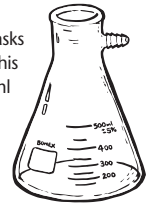
Un-Bunsen Burner



So you don't have a gas jet in the garage? You don't think Margie and Ted are old enough to handle the high temperatures of a Bunsen burner? Our alcohol lamp is the answer. It burns alcohol (available at the hardware store), and is hot enough to boil water, to soften glass tubing for bending, and to generate the chemical reactions generally called for in science projects. The lamp is shaped like a long-necked ink well, 3-1/2" tall x 3" dia at its widest point and comes with a wick assembly and a handy little glass lid/extinguisher.

88236 Alcohol Lamp $6.50/each

Not Bored With Silicate



You always need more filtering flasks eventually, so why not stock up? This borosilicate filtering flask has a 500ml capacity and is graduated in 50ml increments from 150ml up. Has a 9mm glass barb that's 1" long, and a 33mm mouth. Use a #7 rubber stopper with it and get filtering, folks.

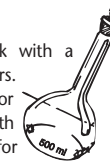
27402 500ml Filtering Flask $12.50/each

Major Mortar

And a pestle to match. This 900ml, large-capacity mortar and pestle set is made for the lab but would also be proud to serve in your kitchen. (Call it the Guac Pot.) Mortar measures 6-1/4" across x 3-3/4" tall with a 7-1/2" long pestle with a 1-7/8" dia head, big enough to pestle anything into submission.

95748 Big Mortar & Pestle $19.85/each

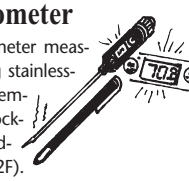
Clearly a Flask



A clear–glass, heat–resistant, volumetric flask with a ground glass neck and mating glass stoppers. These flasks are calibrated either at 500ml or 1000ml depending on which size you need. Both are around 12" tall. Not into lab work? Try it for techie salad dressings! Ain't surplus cool?

91699	**500ml Volumetric Flask**	**$10.50/each**
91700	**1000ml Volumetric Flask**	**$13.95/each**

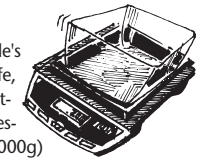
Long-Probe Lab Thermometer



This digital instant-read lab thermometer measures 8-1/4" long total with a 5" long stainless-steel probe that's resistant to most chemicals. Has a removable cover with a pocket clip, on/off button, and C or F readings (-50 to +300C, -58 to +572F). Button-cell battery included.

94966 Digital Thermometer $10.50/each

Keep Things In Scale



Weighing is easy with this digital scale's 7" square x 2-5/8" deep dishwasher-safe, easy-pour bowl for kitchen use, and letter holder and mailing tube holder accessories for office use. Goes up to 7kg (7000g) x 1 gram increments and 15.4 lbs in g, kg, lb and oz increments. It has tare, hold, programmable auto-off, and an adjustable audible beep and backlit read-out angle. Takes (3) "AA" batteries, included. Excellent for kitchen, lab or office.

94244 Bowl Scale $39.95/each

Got Acid?

Our digital pH meter is ideal for science projects, monitoring you water, keeping your prize-winning tomatoes happy and your aquarium healthy, and more. Has a 1/2" LCD that reads from 0-14 pH with a resolution of 0.2pH. Comes with (3) AG-13 batteries for power, a storage case and directions for calibration, including some 7.01 buffer solution and a screwdriver. Measures approx 5-3/4" long x 1" x 1/2" with a pocket clip and cover for the business end. Made in Romania!

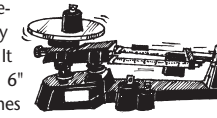
95541 Digital pH Meter $28.75/each

Brass Mass Set

And what are you going to do with that scale if you don't order this (10) piece set of weights from Learning Resources Inc.? The brass cylinders topped with knobs have the weights stamped on the top. There are (2) each of 1, 2, 5 and 10 grams, plus (1) 20 and (1) 50 gram weight. You'll probably want to keep them in the molded plastic holder they come in, but they are pretty enough to display. Just weight till you see them.

90070 Brass Weights $19.95/each

Accuracy Hangs In The Balance



This large, excellent quality triple-beam balance scale offers many years of precise measurements. It measures 17" long x 4" wide x 6" high, has a 6" dia plate, and comes with (2) kilogram and (1) 500g counterweights. Maximum capacity is 2,610 grams with a 0.1g resolution. Hardened steel knife edges, self-aligning agate bearings, magnetic damping mechanism. Durable cast metal base for stability.

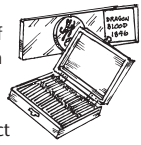
94435 Triple-Beam Balance $87.50/each

LCD Digital Microscope II

Our newest Celestron® compound (biological) microscope is even better than the last one we offered. This one comes with a 3.5" color LCD viewing screen that rotates 180° for easy sharing in a lab, classroom or at home. It has an upgraded 5-megapixel camera that can record 625 hi-res photos or 20 minutes of 30fps video to the included 1GB SD card. The 4X, 10X and 40X objectives provide 40X, 100X and 400X optical magnifications, and the digital zoom raises it up to 1600X. On-screen, button controlled settings allow you to easily adjust exposure, image effects, a digital measuring reticle and other visual tweaks. Top and bottom independently adjustable LED illumination and a built-in 6 position filter wheel allow complete light adjustability. Also included are an AC adapter, (5) prepared slides, USB and video out cables and a rigid lined 15" x 7" x 8.5" OA carrying case with a suitcase-handle and shoulder strap, for storage, field work or classroom visits. Carries a 2-year manufacturer's warranty.

14524 LCD Microscope II $229.95/each

Prepared Microscope Slides



Choose either the 25- or 100-slide selection of 3" x 1" prepared microscope slides from Celestron®, both in sturdy hinged wooden cases. The selections include a wide range of bacteria; plant, animal and human tissue; insect or reptilian specimens; and a list of each of the slides.

94503 25 Prepared Slides $22.95/each
94502 100 Prepared Slides $72.95/each

Slide Stain

Get 5ml of microscope slide stain in a nifty plastic squeeze bottle with a dropper top and white plastic screw cap. Bottle is approx 2" tall x 3/4" dia, like a standard food-coloring dispenser. You pick red or blue stain.

93687 Blue Slide Stain $4.50/each
93688 Red Slide Stain $4.50/each

Wing of Locust, Hair of Dog…

A recipe from the Elizabethan Cable Food Network? No, just a couple of samples from our collection of (48) specimens preserved for your classroom examination, with (4) well-labeled specimens on each of (12) standard-size microscope slides. You get animal, plant, insect, textile, and pollen and spore specimens, including camel hair, camellia leaf, plant louse, fruit fly, fern spore, bee wing, nylon, wool, lily pollen, bamboo shoot, goldfish scale, and three dozen more, including our homonymic favorite, hare hair. Grades three and up. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

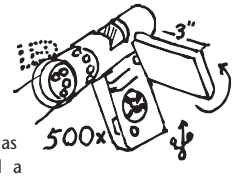
93602 Slide Set $23.95/each

All The Cool Kids Are Wearing Them

A great pack of (10) non-medical quality disposable masks. 3 Ply non-woven material for general use. Comfortable fitting and easy breathing. Elastic ear-loops with no pressure to the ears. All in a handy dandy, reclosable zip seal bag. One for the purse, one for the glove compartment and one for work. Executive standard GB/T 32610-2016. 7" X 3.75"

97196 10 Pack Disp. Masks ~~$12.95~~/each
New Lower Price! $6.45/each

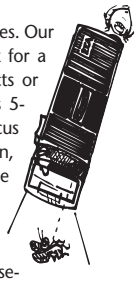
Microscope To Go



Microscopy marches on. This 20-500X portable digital microscope with a video recording function has a 3" LCD, 5Mp sensor, resolution between 1.3-12Mp as well as VGA, 8-LED illumination and a rechargeable battery, which will power it for 4 hours. Includes a 5 volt adapter for charging, a ball and socket pedestal stand, A/V cable, carrying pouch and chamois. Does some nifty tricks, including extrapolated measurements from kilometers down to microns. Measures 5" x 4" x 1-1/4" overall and weighs just 4 oz. It's from Levenhuk®, with a lifetime warranty.

14549 Digital Microscope $134.95/each

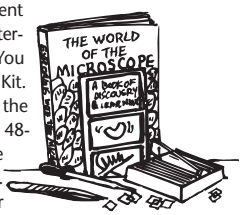
Pocket Microscopy



Good things come in (2) different small packages. Our pocket microscopes are compact and perfect for a clear, close look at stamps, coins, flora, insects or assorted minutiae. The 30X version measures 5-3/4" x 1-5/8" x 3/4" in black plastic with a focus knob, on/off switch, small LED for illumination, and a vinyl carrying case. Requires (2) "AA"s. The 60X version is a microscopic 3-1/4" x 1-3/16" x 3/4" and has a built-in white LED illuminator powered by (3) coin-cell batteries that are included. Magnifies from 60-100X, with coarse- and fine-focus knobs, and has a vinyl carrying case.

34407 30X Microscope $6.95/each
93252 60X Microscope $8.25/each
92293 Batteries, AA Alkaline $1.95/pkg(4)

Microscope Accessories



You bought one of our excellent microscopes - now you need interesting, good-quality slides. You need our Microscope Accessory Kit. The kit includes The World of the Microscope, a well-illustrated 48-page book that explains the instrument and how to use it. You get supplies to create your own slides, including a box of (72) standard glass slides, about 1" x 3", with ground edges; tweezers with which to position your specimens; a 4" glass dropper with a rubber bulb from which to drop small amounts of liquid onto the specimens; and (100) square pieces of #1 thickness cover glass to place over them. A great way to get focused. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

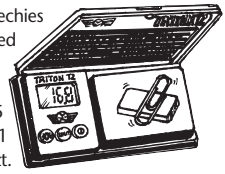
91942 Microscope Kit $16.95/each

Insect Inspection

When you peer through your magnifying glass at this specimen, or focus your microscope on it, even at the lower magnifications which work best, you're looking at one big bug. Make that (4) big bugs. The insects are real, encased in clear acrylic blocks 1-3/4" x 1-1/4" x up to 11/16" thick, and ready for inspection. Set 1 includes a scorpion, giant ant, wasp and a flower bug. Set 2 is a cricket, locust, yellow leaf beetle, and crab. No, not a crab louse or a crab spider, but definitely a crab ugly. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

92224 Insects, Set 1 $14.25/each
92415 Insects, Set 2 $14.25/each

Pocket Electronic Scale



A honey of a little digital scale, the techies in the back room say. This improved Triton T2® scale is pocket-sized (5-7/8" x 3-1/8" x 3/4" thick), and measures up to 300g x 0.1g, 10.5 oz x .005 oz, 190 pennyweight x 0.1 dwt, and 9.6 Troy ounces x .001 ozt. Has a zero/tare button and a cover that can be removed for use as a larger tray. Comes with (3) "AAA" batteries.

93159 Triton T2 Scale $19.95/each

Watch Out For Hotheads

Easy to do, and important these days. We've been pointing this non-contact infrared thermometers at just about every forehead we see. Reads in one second with a digital display in C or F. Measures body temps of 89.6 to 108.5 F (32.0 to 42.5 C) with a resolution of 0.18 F (0.1 C) and color changing backlit display to warn you when hot is too hot. Normal operating temperature (ambient air) range is 60.8 to 95 F (16.0 to 35.0 C), and the device should be held between 0.4" and 2" inches from those foreheads. Want to fry an egg on your car dash? Switch it over to surface mode to check, well, surface temps. Couldn't be easier to use, or more important in times like these. Plus, when this is all over, you'll never have to stick a thermometer under your tongue, or anywhere else, again. Approved by the FDA as soon as you add a pair of "AAA" batteries.

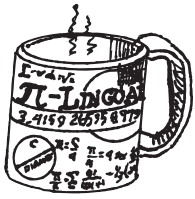
97212 No-Touch Thermometer $59.95/each

Snappy Lab Jackets

Our fashion buyers are just back from the shows in Milan with these brand new, nice quality, 80% poly/20% cotton lab coats. These are Euro-sizes, which generally (and generously) match chest circumference. The 42 has 34-1/2" sleeves, and the 48 has 36". All are about 39" long, which means fingertip length or mid-thigh, depending on how long you are. Think men's small, large and XL. They're all five-button, with one breast pocket and two large side pockets and have no name or embroidery added. Notched lapels, no vent-just what all the best-dressed technicians are wearing this season.

92737 Lab Coat, 42 $24.50/each
92738 Lab Coat, 48 $24.50/each

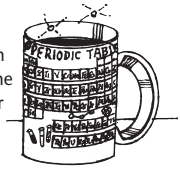
π Mug



Puns-R-Us. This white coffee mug has π-Lingual printed on it, along with a bevy of geometric diagrams and equations, plus pi carried to 50 decimal places. Try not to use while eating a piece of pie, because there are some limits to what people will tolerate.

94947 Pi Mug $8.75/each

Just Up To Rubidium



That'd fill this 9-oz ceramic coffee mug with the periodic table of elements printed on the side to about half a cup. It's printed in color on both sides, actually, in case you're left-handed. The atomic numbers and weights are a trifle small, but then they are atomic.

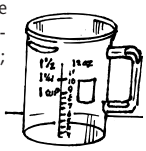
93658 Elemental Mug $8.45/each

Pound The Steel

Stainless steel mortar and pestle set. Mortar measures 5-1/4" dia x 3" on a 4" dia attached saucer-like base. Holds approx 250ml. Pestle is 6-3/4" long with 1-1/4" and 2" dia heads. Nice for the lab, or for folks who want everything in their stainless steel kitchen to be stainless steel. You know who you are. And we salute you.

96480 Steel Mortar & Pestle $26.50/each

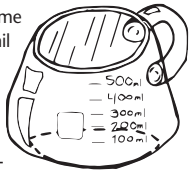
Has Your Coffee Graduated Yet?



In the lab or kitchen, these clear borosilicate glass mugs have a handle and lip, and gradations from 2-12 oz in 1-oz increments; 1/4 to 1-1/2 cups in 1/4-cup increments; and 50-350ml in 50ml increments in the case of the smaller one (or 2 oz increments up to 32 oz, 4 cups in 1/4-cup increments, and 900ml in 100ml increments on the larger one), all of which means you get to learn oz-to-cup-to-milliliter conversions just by drinking coffee and watching the mug.

94876 400 ml Graduated Mug $9.35/each
94878 1000 ml Graduated Mug $11.95/each

Handled Erlenmeyer



We'll say. Herr Erlenmeyer of flask fame was handled Richard August Carl Emil Erlenmeyer, but you can call him Emil. Our Borosilicate glass version of his flask holds 500ml, and is graduated from 200ml to 400ml in 50ml increments. Stands 3-3/4" tall with a 4-1/4" dia bottom narrowing to 2-1/2" at the top, which also makes it a hard-to-spill coffee cup.

71074 Flask Mug $9.95/each

Scope Your Stethos!!

Stethos is Greek for chest. Indeed you can scope your stethos with this stethoscope, or your friend's or your dog's. But it works equally well for picking up any sound being transmitted through a solid medium. Listen to the air flowing through the heating ducts, the water in the pipes, the sounds of machinery, the termites munching on the floor joists!! The color does vary so we will select from what's currently available. We've had blue, teal, red, black, burgundy, green and purple, but there may be other colors yet to be seen! A great discovery device whether for biology or other pursuits. Not of professional quality, but not just a toy.

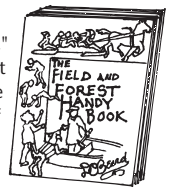
11077 Stethoscope $6.95/each

Finger Cots

Sometimes at the end of a long day of typing, our fingers just need to lie down for a while, so we grab one of these finger cots and….sorry, we were challenged to write a clean finger-cot joke. Never mind. These are your standard, natural rubber latex finger cots, aka "sheaths," size small. Use them to protect your fingers from paper cuts, dryness, chapping, irritating liquids, whatever. Our each is a box of (144). Gross, you say? Yeah, kind of.

46997 Gross of Finger Cots $5.75/each

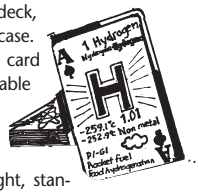
Field & Forest Guide



Titled "The Field and Forest Handy Book," this volume has been justifiably in print since 1906. Written by Daniel C. "Uncle Dan" Beard, the founder of the Sons of Daniel Boone and one of the founders of the BSA, it's a compendium of eternally relevant woodland lore, from building cabins, sleds, boats, and bridges to camping in swamps. The only part we skipped was on how to cook a muskrat. (We know a place that delivers.) Loaded with illustrations. In soft cover from David Godine's Nonpareil Books; 428 pp.

93279 Field & Forest Guide $14.95/each

"I'll Raise You A Manganese"



Learn atomic weights while winning money from your classmates. Here's a double deck, (104) cards plus (4) jokers in a plastic case. In addition to the standard playing card values, the decks cover the periodic table of elements. Each card includes one element's atomic number, symbol, series, melting and boiling points, period/group, uses, est. atomic weight, standard state, and the element's name in English. Includes instructions for (2) educational games if you aren't in the mood for canasta or two games of hearts.

93185 Elemental Cards 14.95/each

Knot Your Father's Knot Book

Time was, the Boy Scouts taught lads how to tie a few knots, but that was before John Sherry (knot-instructor par excellence and a member of the International Guild of Knot Tyers) came along with Knot It! a (126)-page hardcover book with illustrated instructions for tying (100) different knots. Our faves are the Schwabisch Hitch and the Slippery Night Loop. Includes a couple of 15" hanks of practice paracord and waterproof cards with (20) knot instructions. This could be your new hobby.

97084 Knot Book $24.95/each

Science Without A Lab

50 Science Things to Make and Do is just that, a passel of experiments, all illustratively explained in two facing pages of this big 104-page flip book, and all easily done with common household items. Includes wind and water power, bugs, crystals, paper planes, rubber-band guitars, balances, gloop, optics and a ton of other fun, informative stuff. Officially classified as "cool" by several of our geekiest staffers.

94908 Fifty Science Things $9.50/each

Toasters to Toilets

Start them out right with this (profusely) hand-illustrated, 96-page book: The Story of Inventions. Includes toasters, toilets, television, computers, cars, chocolate bars, dishwashers, pianos, flying machines, bicycles and blue jeans among many others. Includes a timeline, glossary and index. No age recommendations, but we like it for pretty much anyone.

94909 Story Of Inventions $10.50/each

This Is For The Birds

From the National Wildlife Federation®, this 168-page paperback is helpfully titled "Attracting Birds, Butterflies, and Other Backyard Wildlife." It's loaded with more than (200) photos of backyard habitats and the creatures they attract. Also includes (17) projects for family-critter togetherness, and instructions on getting your yard recognized as a Certified Wildlife Habitat. Be the first on your block to be able to say that at a cocktail party.

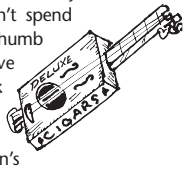
97176 Backyard Habitat Book $19.95/each

Go Ballistic

If you're devoted to explosions, and who isn't, you'll love the new expanded 2nd edition of William Gurstelle's Backyard Ballistics, now 25% longer, with 25% more kaboomery. Still the go-to reference work for building rockets, cannons (carbide and potato), flingers, fire kites, electromagnetic pipe guns, tennis ball mortars, cleaner-bag balloons, ballistic pendula and petards. You simply can't have more fun with common household materials. The soft-cover, 210pp compendium includes detailed and illustrated instructions, parts lists and sensible ways not to be hoist on your own petard. Be careful out there.

92823 Backyard Ballistics $16.95/each

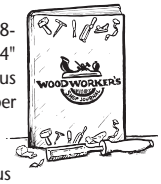
You Really Should Make Cool Stuff



If you make cool stuff, people will pass it on to your children's children's children and you won't spend eternity as just an old picture on a lost thumb drive. We suggest: Making Inventive Wooden Toys, a 184-page paperback with plans for (33) toys, many of them ballistic, out of scrap wood and easily found hardware; or Making Poor Man's Guitars, a 176-page paperback with detailed instructions for building string instruments out of cigar boxes, frying pans, tin cans, mailboxes and washtubs, with a beer-can microphone thrown in.

96817 Wooden Toy Book $19.95/each
96825 Guitar Book $19.95/each

Show Your Work



The Woodworker's Shop Journal is a 6-1/4"x 8-1/4" hardcover book with (100+) pages of 1/4" grids for project planning and sketches, plus (20+) pages of quick references, charts, lumber specs, tool guides, checklists and tips. Also a good place to keep passwords and other personal information because burglars are famous for not caring about carpentry skills.

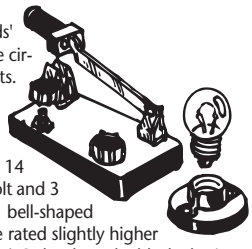
96803 Shop Journal $16.95/each

Chicken Plucking In Igloos

OK, chicken plucking and how to build an igloo, but you could combine them if you needed to. How To is book of wilderness skills with instructions on over (75) things you might need to know someday, including the two above, plus opening coconuts with a rock, sheep-shearing, crossing deserts (with the associated treating a snakebite), surviving bear attacks, starting fires in the rain, cleaning fish, tanning hides, and shoeing horses. Takes a nice, fun look at desperation in the woods. We've already used a bunch in the office.

97178 How To Book $12.95/each

Simple Circuit



An easy way to light up the kids' eyes! Teach them to wire a simple circuit with our basic components. The knife switch is mounted on a 1-1/2"x3" black-plastic base. The miniature plastic socket holds a standard flashlight bulb with a 14 mm dia screw base. We pack 6 volt and 3 volt round bulbs, or 1.5 volt bell-shaped bulbs, (5) to a package.(Bulbs are rated slightly higher to prevent them from burning out.) Or hook up the black plastic and metal 2" x 4-1/4" telegraph key with brass contacts and (2) terminal posts with nuts. Our blue-plastic holder for (1) "D" battery has a small tab at each end to hook a lead to, and a 1/8" square mounting hole at each corner. You add the mounting surface and the know-how. Actual bulb voltage listed in parenthesis.

38805	**Knife Switch**	**$1.95/each**
91813	**Telegraph Key**	**$4.75/each**
38811	**Bulb Socket**	**$1.75/each**
91158	**6 Volt Bulbs (6.3)**	**$2.25/pkg(5)**
91159	**3 Volt Bulbs (3.8)**	**$2.25/pkg(5)**
91160	**1.5 Volt Bulbs (2.5)**	**$2.25/pkg(5)**
91769	**"D" Battery Holder**	**$1.75/each**

Tippe Tops Are A Thing

We just learned that. You'd think we'd have known. Now we do. They're sort of like round dreidels, with a hollowed-out middle around the stem, which causes them to turn themselves upside down while they're spinning. Great lesson in center-of-mass instruction for physics teachers. Includes an explanatory booklet with activities and discussion topics. You'll get (3) wooden tops at 7/8", 1-1/4" and 1-1/2" dia.

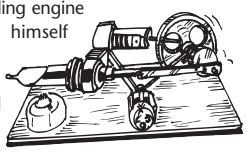
96411 Tippe Tops $4.95/each

Giant Whether Balloon

If the question is whether to tie a bunch of these giant weather balloons to a lawn chair, the answer is no. (They burst at about 82,000 feet anyway.) Besides, this is a true weather balloon, with plenty of fun, nonfatal uses. The cream-colored latex balloon is approx 40" dia when flaccid, you should pardon the expression, but has an 8-foot dia when inflated. The neck is 9" long x 1" dia. Scientists, meteorologists, inventors, teachers and the imaginative filmmaker are warned to launch the balloon carefully. The material is delicate and not made to survive brushes with pavement, pine branches, or clumsy physics students.

94055 8' Weather Balloon $22.95/each

Closed-Cycle Power



This excellent and beautiful Stirling engine would make Robbie Stirling himself proud. Has a 1/2" piston stroke and sits on a 7" x 3-1/2" wooden base. Comes with a small alcohol lamp to fire it, and is connected via a belt to a DC generator that fires some blue LEDs. Includes a spare hot gas container, power cylinder and piston-sealing ring, needle roller and silicon tube, which you shouldn't need for some time. You also get a trio of Allen wrenches for your tweaking needs. This is the ultimate desk toy, or demo unit for the more serious-minded.

95195 Stirling Engine $94.95/each

A World Bigger Than A Basketball

This political globe (i.e. with country boundaries) measures 11" dia, a tad larger than a standard basketball (which is 9.55" dra), and comes on a 7-1/2" base with latitude marked on its bracket. Shipped in two halves--all you have to do it push them together, although you should also feel free to use the halves as stylish bowls.

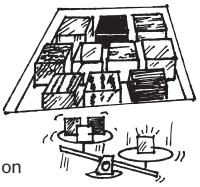
96930 Political Globe $29.95/each

Metal Samples

Classroom and Science Fair alert: Now you can order an 8-pack of metals and metal alloys for demonstration purposes. Each pack of 1" dia x 1/32" thick discs includes aluminum, bronze, brass, copper, n/silver (w/nickel), m/steel (mild: low carbon), stainless steel, and zinc. Composition of each is stamped on one side of the discs.

93769 Metal Samples $11.95/each

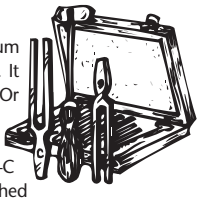
Density Desk Set



This 10-piece set of 1" cubes is made to test density in the classroom, and by all means you should do that. Otherwise, how will the children ever understand density? But we like to just play with the cubes, to set them on a desk, or stack them, or line them up, or make shapes out of them, or just pick them up and marvel at their weight differences. You get perfect cubes of aluminum, steel, brass, copper, acrylic, oak, nylon, pine, poplar and PVC.

95037 Density Cubes $29.95/each

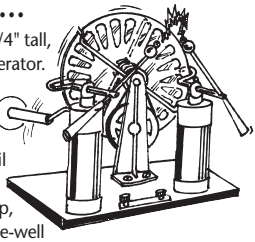
Me, Me, Me, Me, Mee



You can start with our single aluminum tuning fork, 2–tined and 7–1/2" long. It vibrates at 256 hz, and is labeled "C". Or you can order the set that has (8) forks and a mallet with a rubber–tipped plastic head. The forks are labeled low–C to high–C and come in a fitted, latched wooden box. Unfortunately, C.J., who has perfect pitch, tells us that his pitch is more perfect than most of the tuning forks. He also says you can file the tips, tuning them to an electronic keyboard until they're perfect – and we think there's a certain cachet to telling people you tuned the forks yourself. But they are perfect, if you're using them for things like teaching principles of sound or driving the chihuahua crazy.

91185	**Tuning Fork**	**$4.25/each**
91772	**Tuning Forks, Set**	**$34.95/each**

The Sparks Will Fly…



…when you crank up this 13-1/4" tall, hand-cranked Wimshurst generator. They were the toast of the 19th Century, and remained the hottest thing around, electrostatically speaking, until Bobby Van de Graaf came along. This one works like a top, zapping sparks to a fare-thee-well with very little cranking. It's mighty pretty too, in acrylic, white and silver, and will dress up a dull physics or electronics lab.

93600 Wimshurst Generator $84.95/each

Magnetic Pull

Add a door/drawer pull to any ferrous surface with this 1" dia x 1/4" thick neodymium disc in a polished sleeve with a 3/16" dia hole in a stand-off. Comes with a 1" slip-ring attached, and hangs on for 22 lbs worth. Plenty handy for hanging stuff from other stuff, too.

93515 22 Pound Magnet Pull $8.75/each

Rare Find!

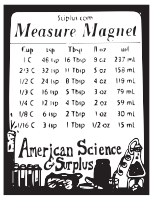
Rare earth magnets are usually killers for their size, and these thick nickel neodymium discs are no exception. The price, on the other hand, for (3) 7/16" dia x 1/4" 5-lb lift or (2) 9/16" dia x 3/16" 8-lb lift magnets each stored on a 2" dia steel disc, is a rare exception.

93463 Rare Earth 2 Pack $4.45/each

92042 Rare Earth 3 Pack $4.45/each

NEW!

Must Have AS&S Accessory!



Jarvis says you need this! Kitchen conversions are easy with this 3" x 4" deluxe American Science & Surplus fridge magnet that lists everything from a tablespoon to a cup with the equivalent in ounces, tablespoons, teaspoons, milliliters and fractions of a cup. If your kids already have fridges of their own, you can buy extra magnets for them - unless they were the only kids on the block who knew how many ounces were in a cup. Kitchen Fun.

96880 Measure Magnet $0.75/each

There's A Hole In The Magnet

The 3/16" bore in the center of this small plated neodymium magnet just makes it easier to mount. Measures 3/4" dia x 1/4" thick with a pull of approx 7 lbs. Works great with #6 or #8 flat head screws.

95657 Bored Magnet $2.95/each

Ceramic Reefers

Beautiful refrigerator magnets, all set to be imbedded in your child's best ever creation for refrigerator work. Six file card holding power, 3/4" dia x 3/16" thick ceramic with beveled edges to minimize chipping. They don't come much better than that!!

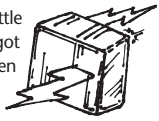
89444 3/4" Ceramic Magnets $3.50/pkg(8)

Dandiest Donut in the Domain

Donut magnet you can take to town!! 74mm dia x 14mm thick with a 30mm hole. Very strong and well pedigreed - in fact, its kin are activating pacemakers. They are of a high permeability ferrite material with a lovely light blue or white epoxy coating. Okay, we have them because there is the odd bubble, slight scratches or the word MAGNET painted in the coating which ruled them out of the medical ball, but they're fine company nonetheless. Good display bases, paper clip traps, and super for classroom demos.

2823 Coated Donut Magnet $3.95/each

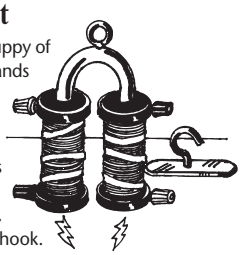
Killer Magnet



Once upon a time, a copywriter put this little magnet next to his computer monitor and got really pretty, wavy, aurora-like effects. And then got a new monitor! Don't try this at home. Our shiny, silver-colored 1" x 1" x 1/2" neodymium magnet looks innocent, but is industrial strength, pulling something like 25 lbs with enough strength left over to erase all your credit cards. And wreak havoc with your monitor.

38694 Killer Magnet $14.50/each

Excellent Electomagnet



Physics project alert! This robust puppy of a magnet has dual 6V coils and stands 4" high x 3-1/4" wide, not counting the side terminals. Each coil draws 2.4A at 6VDC, and is conservatively rated for 40 Newtons (approx 9 lbs) at that voltage. Can be wired in either parallel or series, and comes with a mounting hook. Works great with a 6-volt lantern battery.

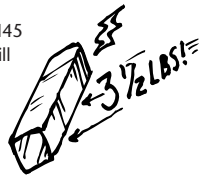
93088 Electromagnet $20.95/each

Sticky Bar Of Silver

This plated N45 neodymium magnet is shaped like a miniature silver ingot, measuring 1-1/2" long x 1/2" wide x 1/4" thick. Has a big hangonability quotient, which the manufacturer claims is 26 lbs of pull, meaning it's probably closer to 20 lbs. Impressive either way.

95659 Neodymium Bar Magnet $4.85/each

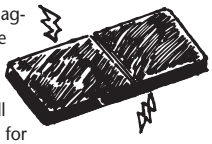
Neodymium Column



We're liking this little plated N45 neodymium magnet because it will stand on end and stick out very prettily on the ice box. Measures 1" tall x 1/4" square with a hefty, for its size, 3-1/2 lb pull. (Will also lie down on its side, of course, because everybody does.)

95658 Columnar Magnet $2.95/each

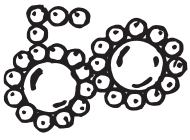
Ceramic Power



Ceramic magnets can be quite powerful and have excellent resistance to demagnetization. These rectangular ones are no exception. Add the power of surplus and we'll give you these mighty-mites for bargain prices. This 3-lb-pull guy is 1-7/8" x 7/8" x 3/8" thick, for mounting bigger pix, we figure.

10584 3-lb Ceramic Mag $3.25/pkg(2)

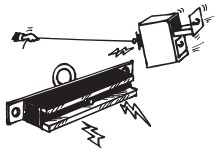
Bear With Us



We think of these as industrial worry beads, but they're really 5/16" dia (8mm) steel ball bearings, ready to be put to whatever ball-bearing uses you might have. Our each is a pack of (50), which should cover a lot of worries, and whatever else you can come up with. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

95315 Ball Bearings $2.75/each

A Real Grabber



Okay, it isn't the cheapest magnet in the warehouse - but we dragged John's 165 lb filing cabinet around the dock with this 4-7/8" x 1" x 3/4" ceramic magnet, we're rating it conservatively at 100 lbs of pull, and we think it's a bargain. It has a 6" bracket with mounting holes on 5-1/2" centers, plus a 1/2" ID eyehook bolted into the center of it. It's all set to troll the bottom of the lake next time your filing cabinet falls overboard.

91949 Pick-Up Bar Magnet $10.95/each

A Lot Of Pull

Pick up this 1-3/4" x 7/8" x 3/8" ceramic pick-up magnet while we still have it. It's in a heavy metal housing and has a stationary metal hoop, about 1/2" i.d., on top. The manufacturer tells us the magnet will grab up to 5 lbs of metal, however Pat and Magnet Testing Team #3 have repeatedly lifted 10+ lbs, so it's very strong. Especially if you're going to dangle it on the end of a cord to gather spilled nails or to fish your keys out of the lake/pond/sewer/drain!

91859 Pick–Up Magnet $3.25/each

Mystery Magnet

Beats us, frankly, but this black plastic cover, 1-3/4″ x 1-1/2″ x 1/4″ (not unlike a tiny toilet seat cover) is hiding a really nice 1″ dia x 1/8″ (think: quarter size) plated neodymium magnet, with at least a 5-lb pull, inside. The mystery is that the cover won't open unless you break it. The magnet grabs fine in the case or out of it. Tap it on its side with a hammer to crack open the case and reveal nothing but magnet.

46258 Encased Neodymium $5.95/pkg(2)

The Most Beauteous Cube

Voted most likely to attract by the judges, this magnet has the relative strength of 10 men. A shiny silver 1/2" cube of neodymium magnetism, it packs approx a 15-lb pull. If our boss Pat were that strong he could lift 2,160 lbs! Besides its superpower strength, this beautiful cube also would improve the looks of your fridge or bulletin board to no end.

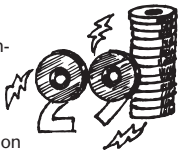
94775 1/2" Shiny Magnet Cube $5.95/each

Nickel-Coated, Quarter-Sized

Nice rare-earth neodymium disk magnet, 1" dia, about the same as a quarter but over twice as thick at 4mm. Rare-earth magnets are permanent and powerful, and this one has approx 7 lbs pull, and always will. Comes with a galvanized metal keeper approx 2" dia so you don't lose it.

93798 1 Inch Disk Magnet $4.35/each

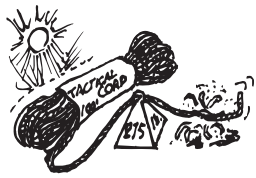
Plain Donuts



Can't beat a classic. These uncoated ceramic donut magnets have a 1-lb pull, which makes them dandy for classroom or refrigerator use. They measure 1-1/4" dia x 3/8" ID x 3/16" thick and are polarized on the faces. You get a wrapped roll of 29 donuts.

40007 Uncoated Magnets $7.50/pkg(29)

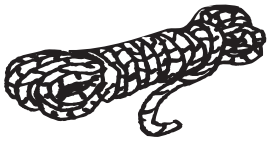
Extreme Cord



Our each is 100 feet of of paracord (tactical cord) from Atwood Rope Mfg. Measures 3/32" dia (think round shoelace) with (4) internal strands and a 275-lb test strength. UV inhibited; rot and mildew resistant. In assorted solid and blended colors, from which we'll pick because we have impeccable taste in cordage.

95324 100 Feet Tactical Cord $7.50/each

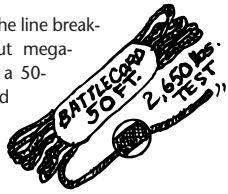
A Rope In Many Colors



This braided polypropylene rope is 3/8″ dia (rope size #12) and rated for a 100-lb working load. You get (50) feet of this easy-to-knot utility rope in assorted colors.

95675 Polypropylene Rope $4.95/each

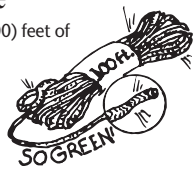
Prepare For Battle



Or just stop worrying about the line breaking. Battlecord is skinny but mega-tough stuff. And this one is a 50-foot length of black cord rated for 2,650 lb test. Measures 1/4″ dia with a 7-strand core and is rot, mildew and UV resistant. Made in the USA for Atwood Rope.

95581 50-foot Battlecord 11.95/each

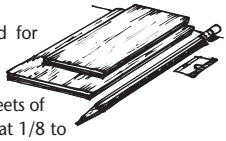
Take The Green Line



It's easier to see. Our each is (100) feet of 3/32" dia high visibility neon-green type-III paracord. Made of 7-strand, 550-lb test nylon, it's color-fast and resistant to rot, UV light and mildew. A camper's dream! Also makes really snazzy bootlaces.

95582 Green Paracord $7.50/each

Micro-Plywood



Small pieces of very thin plywood for your craft and model-making needs. You get 18 cubic inches, which will translate into multiple sheets of 3-ply poplar, birch or similar wood at 1/8 to 3/16" thicknesses in random shapes. Our sample was (6) sheets, 6" long x 2" to 3" wide, some at 1/8" and some at 3/16". Perfect for custom-made dollhouse doors!

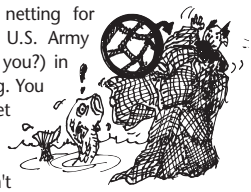
93818 Thin Plywood $9.95/each

Skinny Paracord

Micro tactical cord measures .046" (1.18mm) dia on 125-foot spools. Made in the USA by Atwood Rope Mfg., it's UV and rot resistant with a 100-lb test strength. Lotsa solid and blended colors and we'll just grab (3) different-colored spools for you to save you the trip to our warehouse.

95325 125 Feet. Paracord $14.75/pkg(3)

Fishnets



Not fishnet stockings, but netting for actual fish, direct from the U.S. Army (you'd think Navy, wouldn't you?) in olive drab. It's a survival thing. You get a 10-foot x 5-foot net made of 3/4" squares individually knotted from twisted cotton/nylon, so the net won't unravel if torn. Might have a slightly musty aroma (but definitely not fishy) that a little sunshine time will fix. Great for maritime-theme decoration, bible-camp plays (filled until breaking, walking-on-water background prop…) or, we suppose, fishing. And perfect if you want to go to a costume party as Poseidon.

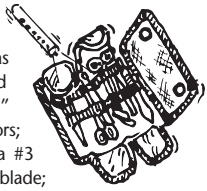
39763 Army Fishnet $19.95/each

Army Canteen? Czech.

Our used, green aluminum Czech military canteen includes a leather strap "bra" and a cloth holder/sheeth to keep it cool. Measures 9" x 5" x 2-1/2" and will probably have a plastic screw-on cap but might have a cork stopper instead. Like war, it's unpredictable, and like your fourth-grade teacher used to say, you get what you get without throwing a fit. Now, go outside and play army.

48242 Czech Canteen $12.50/each

Mobile Army Surgical Kit



Call it a MASK unit. This faux-military "Minor Surgery" kit from Voodoo Tactical® comes in a 7" x 5" x 2-1/2" OD canvas pouch containing: 6" wound probe; 3-1/2" stitch scissors; 3-1/2" tweezers; 5-1/2" bandage scissors; 5" straight and curved forceps; a #3 scalpel handle with disposable blade; pupil flashlight with mm gauge; alcohol pads; antiseptic towelettes; some 5/0 monofilament; and a gram of antibiotic ointment. And remember: reenacting actual combat surgery without a license is still not allowed.

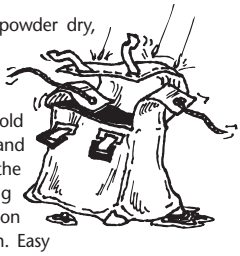
45584 Surgical Kit $24.50/each

Dogless Tags

Blank dog tags, ready to punch. Each set measures 2" x 1-1/8" x 1/32" thick in matte stainless steel with (2) ball chains, one 24" long and one 4-1/2" long. You get (2) sets of (2) tags, with (4) chains altogether. Made in the USA.

40462 Dog Tags $3.95/pkg(2)

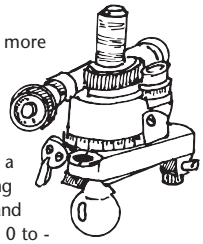
Rubber Dutchie



When you need to keep your powder dry, you'll wish you had this army-green rubberized bag from the Dutch military. Measures 12" tall x 14" wide x 5" deep, with tri-fold top flaps for extra waterproofing and heavy-duty embedded feet on the bottom corners. No carrying straps, but it has plastic buckles on the back and sides to add them. Easy conversion to a messenger bag or a pair of panniers.

40002 Rubber Dutch Bag $5.95/each

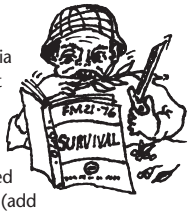
I Shot An Azimuth



It was him or me. OK, no more Grouchoesque jokes, just a great deal for the home howitzer owner on this lightly used 1950s artillery scope. Measures approx 7-1/2" x 5" x 4" with olive drab paint and a plethora of moving parts, including an optical head that pivots up and down; a focal knob calibrated from 0 to -90 and +10 to + 80; horizontal and vertical adjustments with a locking lever; and a 1-5/8" dia ball with a 1/2" hole in the bottom for a mount. Weighs in at over 5 lbs. The paint is chipping, but what do you expect from a 1950s scope?

45246 Artillery Scope $79.50/each

I Will Survive…



You will survive, too, just like Gloria Gaynor, and in the woods, even. But only if you have this U.S. Army manual, cleverly titled: SURVIVAL, Department of the Army Field Manual FM21-76. It's 287 heavily illustrated pages of techniques for staying alive (add your own BeeGee jokes here) including orientation; food & cooking; fire- and shelter-making; rafts; animal, insect and plant recognition; and much more. This is the 1970 edition, but staying alive in the woods hasn't changed a whole lot since then. In soft-cover.

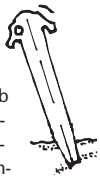
39873 Survival Manual $11.95/each

Camouflagifcation Tape

Wrap this digital camo cloth tape around your camera, rifle stock, spotting scope, lunch box, selfie stick or brother-in-law and make them all disappear in the woods. Our each is a roll of 2" wide x 33 feet of "Easy-Peel" tape.

96498 Camo Tape $4.65/each

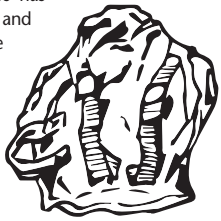
Low Stakes



The kind that you hammer into the ground for to hold up your tent. Make that shelter-half, because these are from Uncle. Measure 12" long x 1-3/4" wide in a V-shape, in olive drab steel with a 1/4" bore for your rope, and shoulders to wrap the rope around. Marked 97403-132227 E0136 MFR 92398, which is a lotta numbers for a tent stake, but that's the gummint for you.

45023 GI Tent Stakes $7.50/pkg(4)

French Army G-0571 Tote



Nah, we don't know either. Ours has that number, but yours may not, and it's removable anyway. It's an olive drab canvas bag 30" x 29" in a vaguely torso/chubby clover shape, e.g. with approx 8" bump-outs at the the top and on two upper sides. Like a garment bag for a fancy dress uniform with a giant collar and big epaulets. (OK, we made that up, but still.) Has a double zipper over the top, canvas handle grips, and adjustable 40" straps so it can be worn like a backpack. (French vets are encouraged to call us and explain.)

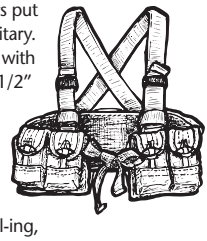
46130 French Army Bag $17.50/each

Gnat Hat

Gnats and mosquitoes will never get a taste of you when you're in your brand-new, olive-green, military hat/insect net. An elastic head-band inside it keeps the nylon top snug to your head (or your helmet). Below it, an approx 12" dia spring-steel hoop holds the fine netting away from your face. Close it at the bottom with a drawstring and (the Army thinks of everything, and apparently won't tolerate you running around a buggy jungle in a tee shirt) attach its (2) elastic hooks to your breast-pocket buttons. About 20" top to bottom and quite snazzy, we think.

35561 Insect Headnet $9.95/each

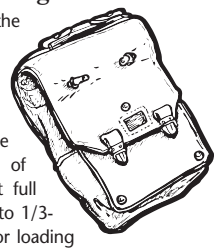
What's Ammunition In Chinese?



Couldn't tell you, but it's what soldiers put in this bandolier from the Chinese military. Measures 27" long x approx 5" high with (10) ammunition pockets at 1" x 4-1/2" (think Snickers bar size) with flaps closed by frog-like catches with wooden pegs. Includes adjustable 38" shoulder straps, too. Great for fishing, hiking, camping, traveling, clubbing, college-ing and high school-ing,

47372 Chinese Bandolier $12.50/each

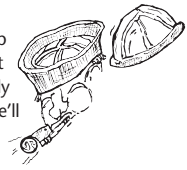
Rubberized Convert-a-bag



We think these started life in the Chinese military, but they won't say. They're small garment bags in a heavy rubberized fabric. Measure 24" x 15-1/2" x 5-1/2" but have a set of double-snap male closures with (3) alternate sets of female clips so you can keep it full length, fold it once, or roll it up to 1/3-size. Has zippers halfway down for loading ease, and the handle will detach and re-attach in another position when folded smaller. Also has a 2" x 1-1/2" ID-card slot.

46673 Folding Bag $14.50/each

Hey Sailor, Nice Hat!



From the U.S. Navy stock of unused Gob hats (no, we don't know where that name comes from) or more familiarly "dixie cups," in white cotton twill. We'll pick from sizes 7 through 8-1/2 if you're going for the Cracker Jack look, but if you turn the sides down like Gilligan, one size fits every noggin. Upright, it should be squared up for authenticity. Group discount available for drama teachers staging South Pacific.

46845 Dixie Cup Sailor Hat $14.50/each

Bag That Radio, Private.

In nylon digital camo, this military radio bag measures 11" x 12" x 6" with adjustable straps on the side panels to pull them in, another to close the top, and a pair of female molle buckles to attach it to something else. Sew it all together, add a strap and you've got a great carry-all. Note openings at bottom corners.

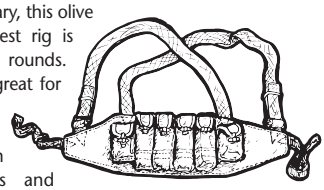
44270 Radio Bag $4.95/pkg(2)
44270P10 Bulk Savings! $19.50/pkg(10)

Petite Camo Chapeau

This never-used 100% cotton French CCE F1 Field Camo hat is perfect for a small head, size 57. Marked "Tissage Mouline Thillot 1995" inside, which makes it new old stock, in great condition. Soft, crushable and lined, with a nice short bill. Sort of reminds us of those little hats cyclists wear, like in the Tour de France.

48248 French Army Cap $3.95/each

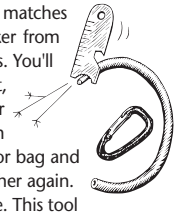
Made For Chinese Chests



From the Chinese military, this olive drab canvas recon chest rig is made for carrying SKS rounds. We think it'd also be great for fishing lures, balloons (if you're a balloon artist or a water-balloon tosser), various nails and screws, bolts and washers and probably a hundred other uses. Business part measures 24" wide x 5-3/4" with (6) 4-1/4" deep pockets, (2) at 2" wide and (4) at 1-1/2" wide, all with flaps that close with little plastic clips. Has 4 holders for items in the 7" long range. (Photo shows 7" long tubes inserted) Fits via adjustable crossed shoulder straps and a buckle. We also think it would hold a nice assortment of snacks for hands-free hiking.

46879 Chinese SKS Chest Rig $19.50/each

Come On, Baby, Light Your Fire



Matches? You won't need no stinkin' matches when you have the Humvee® Fire Striker from Adventure Gear®, the outdoor specialists. You'll get a silica gel ring with a concealed flint, a stainless steel striker and a carabiner clip--because all the cool stuff hangs from a carabiner. Attach it to your wrist, belt or bag and you'll never have to rub two sticks together again. The striker has a 50mm rule, just because. This tool could save your life, or at least make your evening.

47755 Humvee® Firestarter $9.50/each

Headed Overseas?

That's where these military overseas caps started out, on Deutsch köpfe. Slightly shorter than the U.S. garrison cap, and with a jaunty curve, front to back, they're in dark blue-gray with orange piping and a German army insignia on the front. We'll pick a pair in (2) different sizes 58-63, which is approx 7-1/4 to 7-7/8 on American heads, but the envelope design gives them some size leeway.

20834 German Garrison Caps $7.95/pkg(2)

Put That Map Away!

You'll need a map case. From the pre-smartphone world, where military maps still live. These are 11" x 6-1/2" folded, and they open to a clear 16-1/2" x 20" window with a zippered top on one side and a 7" x 4-1/2" x 5/8" flapped pocket with (5) pen holders on it. Close with hook-n-loop fasteners and have a 42" long adjustable and removable shoulder strap. You pick olive drab or desert digital camo versions.

46064 OD Camo Map Case $14.50/each
46065 Desert Camo Map Case $14.50/each

Indoor Reception

Indoor reception--always the safest choice. You know, in case it rains. But seriously, folks, do you love watching TV as much as we do? Pull in your stations with this refurbished passive indoor antenna from RCA. It's passive--just like TV-watching! Has a pair of 5-draw 39" dipole antennas (or do you say antennae?), a 7" x 4" loop and a 54" cord with a coax HD connector to hook to your TV. Base is a compact 5" x 3-1/4" x 1-1/4" so it'll fit pretty much anywhere and won't hog space, unlike some pets on some couches.

97051 RCA Indoor Atenna $14.95/each

NEW!

Bluetooth Hockey Puck

Shaped like a thick hockey puck, this Bluetooth® speaker won't knock your teeth out (like a real hockey puck) but it might blow your mind. Rechargeable and portable, the speaker measures 2-1/2" dia x 1-1/2" thick in dark blue with the logo of the bank whose name adorns a hockey rink in Our Nation's Capital. Feel free to cover it up, like the Blackhawks fans in our office did. Rechargeable batteries are lithium, which is better, and it charges via the included USB to micro-USB cord. Comes with a microphone, microSD card slot, and volume control. Sounds good enough for Paul to drown out Pat's ambient Australian heavy metal holiday music.

48358 Bluetooth® Speaker 9.50/each

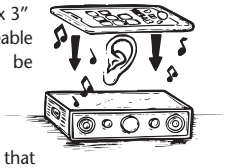
HDMI? I Know I Am, But What R U?

Our powered 3-device HDMI gear switch is a 3" x 2" x 3/4" black box that connects up to (3) HDMI devices to your TV. Has ports for all brands and supports up to 4K res and 5.1 surround sound. It's also 3D-ready. Because it's powered, you'll need an open USB input, but other than that it's ready to go. Power up!

48233 3-Way HDMI Switch $9.75/each

NEW!

The Magic Of Induction



Plunk your phone down on this 5" x 3" x 1-1/2" "Blasting Brick" rechargeable induction speaker, and it will be induced to amplify your tunes. Might be science, might be magic, but it puts out mighty good vibrations. In a rubber case that looks like a stereo tuner circa 1968. Includes a USB charging cable with a headphone/input jack to connect to your tablet, laptop or phone for improved audio clarity. We'll pick one for you in creamsicle orange or indigo. Gives you something to look forward to.

48417 Retro Induction Speaker $7.50/each

USB Needing This, Probably

Want to turn your phone or tablet into a storage dynamo? Of course you do -- you've got data! This 5" long cable has a micro USB male fitting at one end and a standard USB female connection at the other, which enables you to use a standard thumb drive on devices that only accept a micro USB.

95552 Female USB to Micro USB $3.95/each

A Scosche More Music

OK, we don't know how to pronounce the Scosche company's name, but we like saying a skosh more, so we did. Anyhoo, this Scosche TUNEIT is a digital FM transmitter made to play music over your car stereo. Connect to the output with the integrated AUX cable, find an unused FM frequency on your stereo (the dial is full of them), and you'll be dancing on the roof in a matter of moments. Compatible with Apple iPhones and iPods, Samsung Galaxy, Android, MP3 players or anything with a 3.5mm Aux output. The oversized backlit display is on a flexible neck and has control buttons to scan between (100) radio stations and preset (3) of your favorites.

48113 Scosche® FM Xmtr $10.95/each

The Antenna Wedding

Hear about the antenna wedding? The ceremony was nothing special, but the reception was excellent. Same goes for this amplified HDTV digital antenna from TriQuest. It doesn't stand on ceremony--just offers excellent reception by marrying several types of antennae. Use it with satellite or cable for the best reception of local channels. Has a 6-1/2" loop for UHF frequencies, a pair of 32" 5-draw dipoles for VHF, a 50" coax cable with a gold plated "F" connector, and an inline 25dB amplifier powered by an included wall adapter. Base has a 8-3/4" x 4" footprint. Works on all TVs.

97052 Amplified HD Antenna $17.50/each

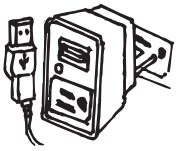
NEW!

Oh, Boy

In 1958, Buddy Holly came out of radios like these. This retro version of the first transistor radios measures 4-1/4" x 2-1/2" x 1" in dark blue with a wire handle that doubles as an antenna. AM works better than the FM, but who listened to FM in 1958? Plenty loud (guaranteed to not fade away) with classic thumb-wheel tuning and volume. You add a pair of "AAA" batteries. To make things even more like 1958, carry the radio in your shirt pocket.

48548 Mini Retro AM/FM Radio $7.95/each

Charge!



Convert any grounded outlet to an outlet plus charging port. Measures approx 2" tall x 1-1/2" wide x 1-1/4" deep (from wall). Plug it in and the front has a pass-through grounded outlet next to a 2A USB port. We'll pick one for you in red, white, blue or black.

95514 USB Charging Outlet $8.85/each

Heat Sink Compound

You get a 10ml syringe of white silicone heat sink compound for use as a thermal coupling for electronics. High conductivity, low bleed and stable at high temperatures. Perfect for you electronic tinkerers out there with a sinking feeling.

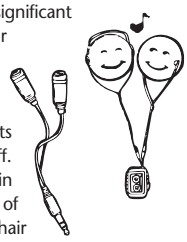
95031 Heat Sink Silicone $3.95/each

You Strapped?

Wouldn't you rather hear that than "Is that a cell phone in your pocket...?" Yes, you would, and you will if you strap on this green camo phone holster. Made to strap (we like saying that) to your leg above your knee, like Wyatt Earp's Colt (or any number of the army surplus gas masks we sell), but you can also attach it to your arm or some other handy body part because the two straps extend from 15" to 27" and 10" to 13". The water resistant holster is 7" x 6" with a 5" zipper, and the phone is operable in situ, as it were, through the transparent protective covering. Manufacturer calls it a "Hunter's Phone Holster," but don't let that stop you from wearing it around the neighborhood. Also adaptable, we think, to small dogs.

48097 Camo Phone Holster $7.95/each

I've Got A Splitting Headphone



Share tunes and movies with your significant other, or your insignificant other—your others are your business. Plug this 3.5mm headphone splitter into the jack on your chosen device, plug (2) headphone sets into the female ports on the splitter and listen your ears off. On a 7" long cord, the splitter comes in black, red, white or blue, and one of them will match your eyes, dog, car, hair or soul. So, we'll just pick (1) for you.

47888 Headphone Splitter $2.95/each

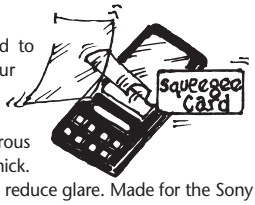
NEW!

Stick It In Your Ear

Ear buds, period. These are your standard, everyday versions—except the cords on these are green, which works well on March 17, even if bars aren't back to full capacity. They fit standard headphone jacks, and have a mic and a clip to hold it. Cables are approx 40". No case, but at this price we recommend getting a pair for every desk, end table, glove compartment, purse and pocket you have. And a pair each for all your St. Paddy's Day-reveling friends, too. Green wires and black buds.

48416 Plain Ear buds $1.95/each

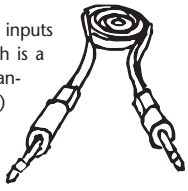
I Screen, You Screen



We all screen. And we all need to protect those screens on our expensive little gadgetry. Our each is a pack of (12) clear screen protectors, each a generous 2-15/16" x 2-1/4" x .004" thick. They protect from scratches and reduce glare. Made for the Sony Clié, but easy to cut to fit anything with a screen you want to protect. Made in the USA for Fellowes®.

39856 Screen Protectors $1.95/each

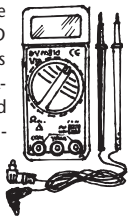
Let's Talk Aux



Connect your sundry devices to aux inputs and listen to bigger music. Our each is a three-foot, flat audio cable with standard 1/8" headphone TRS (3.5mm) plugs at each end. From FusePlus, and the color is black, but that doesn't really matter, does it?

46507 Flat Audio Cable $3.50/each

Not Your Mother's Multimeter



We don't care if she did go to MIT—she could only have dreamed of today's mulitmeters, like this one, with a 3-1/2 digit, 7-segment 0.5" LCD display with a max reading of 1999. Measures DCV 0.1mV-1000V, ACV 0.1V-750V, DCA 0.1mA-10A, OHM 0.1O-2mOHM. Has diode-forward voltage drop and hFE bipolar PNP and NPN transistors, replaceable fuse, included 9V battery and red/black test leads. Operating temps10F-104F; storage temps10F-122F. Use in less than 75% relative humidity. Included instructions look to be cyrillic, so check your favorite internet help site if you need a how-to guide. Measures approx 5" x 2-3/4" x 1".

97228 Digital Multimeter $11.75/each

NEW!

Buds On A Wire

Did you know that 43% of all wireless ear buds are dropped someplace where you have to get help from angry subway employees to retrieve them? The other 57% are dropped where you'll never see them again. The answer to this problem? Wires. Like the 40" black wire (call it a cord) that comes attached to these stereo ear buds. Include a covered case that the cord wraps around, and (3) sets of silicone covers in small (white), medium (blue), and large (black) to fit your own personal earholes.

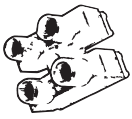
48379 Wired Ear Buds $1.95/each

Why Resist?

When you could just order this 480-pack of 1/4 watt, 5%-tolerance resistors. You'll get (30) pieces each of 10, 22, 47, 100, 220, 470, 1K, 2.2K, 4.7K, 10K, 22K, 47K, 100K, 220K, 470K, and 1M OHM.

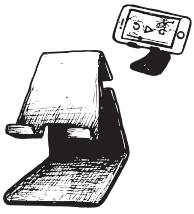
93191 480 Resistors $12.95/each

Terminal Block



Our 4 or 6 position terminal blocks are rated for 300V and measures 3/4" x 5/8" x 5/8" tall with set-screw terminals and a 3.6mm ID. 300V max rating. CSA.

43123 4-Pos. Terminal Block $3.25/pkg(10)
43119 6-Pos. Terminal Block $3.25/pkg(10)

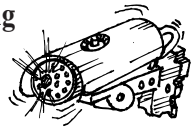


21st Century Dictionary Stand

Remember dictionaries? Never mind--they're all inside your phone now, but in an homage to the dictionary stands of the past, we present this little black aluminum stand for your phone or tablet to sit on while you look stuff up, or do anything else. Measures 4" tall x 4-1/2"x 3" with a ledge with silicone pads and keyed holes to organize the cords through when the battery runs low. Bottom also has pads to keep it from sliding around. Will work with most phones and tablets up to a 9" screen.

96720 Phone-Tablet Stand $5.95/each

Verisimilitude Is Everything



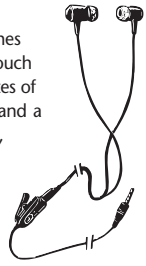
Save thousands on security with this bogus camera. A blinking red light adds the right touch of verisimilitude for your average, easy-to-dupe miscreant. Extremely genuine-looking, the blinking red LED is surrounded by (18) phony white LEDs all in a 5-1/2" long x 2-3/4" barrel that connects to a stand with a useless but actual wire housing.Tilts from perpendicular to 140 degrees. Includes mounting screws, but you add (2) "AAA" batteries for the red light.

94774 Ersatz Camera $6.25/each

92294 "AAA" Alk Batteries $1.95/pkg(4)

NEW!

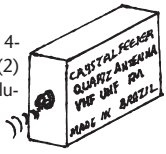
Look, Ma, No Hands



These hands-free stereo headphones have a detachable mic and a one-touch phone answer button. Include (3) sizes of ear molds, a standard 3.5mm plug and a 6-foot cord. Work with phones, PCs, tablets, video games, and pretty much anything else you can plug into. We'll pick one in cerise or electric blue, and either one will make you look marvelous.

48380 Stereo Headphones $6.95/each

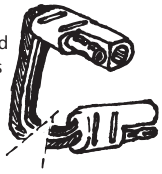
Quartz Crystral Antenna



Build your own quartz antenna. These (2) 4-3/8" x 3" x 1-5/16" plastic boxes each have (2) boxes of quartz crystals inside and (2) aluminum U-brackets that are attached to a single screw terminal on one short side of the box. They're made to be used in pairs as part of a 300 Ohm antenna. All you need is cabling to connect them. Made in Brazil, the antenna capital of South America, probably.

40262 Quartz Crystal Antenna $4.95/pkg(2)

Get Hooked Up!



Just plug this set of 2-contact flat molded connectors into each other. (Each one has both a male and a female port.) Yes, they're on opposite ends of 10" long red and black, 18-2 AWG leads, but that's just a device to keep them together. When you're ready to hook them up, just clip those leads and get each end wired. You'll get a pack of (2) complete sets, perfect for hobbyists, tinkerers, and electronic DIYers.

39379 2-Pin Connector $3.95/pkg(2)

Bluetooth Shaky Ball!

If a snow globe and a powered speaker had a baby it would be this tornado light show that whirls to the music, with Bluetooth technology. Makes us proud to know there are electronics engineers out there designing this sort of thing. This 8W unit has a rechargeable battery and USB charge cord, a 1-5/8" dia 70-18KHz speaker and an impeller. Inside the 3-1/2" dia globe is, yes, snow and red, green and blue LEDs that react to sound in a whirlwind affect. Has a micro SD card, a standard 1/8" jack, and 32-foot Bluetooth 2.0 capability. The whole shebang stands 7-1/4" tall on an approx 3-1/2" square base.

96777 Tornado Speaker $24.75/each

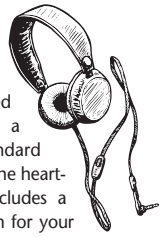
Compact Speaker Compact

Just because something is strange doesn't mean we won't sell it, or that you shouldn't buy it. In fact, we see it as an incentive in both cases. This 2W USB-rechargeable speaker is in a folding 2-3/8" dia x 1-3/16" black plastic housing that flips open to reveal a mirror in the lid, like a compact. You can check your teeth for bits of spinach while listening to Stairway to Heaven, and you're welcome for that. Includes a 22" cord with a 1/8" standard headphone jack, which also charges the speaker.

46748 Mini-Mirror Speaker $4.75/each

NEW!

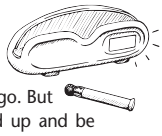
Ears To You



These are nice, uber-affordable, adjustable stereo headphones. With deep bass and high volume-capacity, they've got ergonomically tilted padded ear-cups, a built-in cord-minder and a pause/play remote control. The standard audio jack is at a right angle to prevent the heart-break of unintentional unplugging. Includes a black canvas drawstring pouch. Get 'em for your kids and maybe they'll leave your headphones alone.

48412 Super Bass Headphones $8.50/each

Time To Take A Stand



We suggest you take this one. Made as a promotional device, it never got its promo logo and the light only shines for about 30 seconds, we think to highlight the absent logo. But it kept its ability to make your tablet stand up and be seen. The stand measures approx 5" long, and the light measures about 1.5" x 1". Comes with a 3.5" stylus nestled inside to give your finger a break, and a gray velvet pouch to store it in. Runs on (3) AG-13 button cell batteries, included, and you're welcome.

48010 Tablet Stand & Stylus $4.95/each

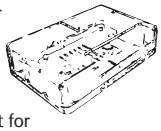
NEW!

Back In Black & Blue

You'll get big sound from this little Xoopar Turbo Bluetooth speaker. Pat gives it a 5 out of 5 on the sound-to-price ratio. Perfect for blasting AC/DC in the office. Superior stereo sound, hands-free mic for phone calls, compatible with any Bluetooth device, Android or iPhone. Connects via Bluetooth up to 33 feet away and auto-connects to the last device used. You can also use the included 3.5mm aux cable. Suitable for any place with a cranny. Also comes with a black metal perforated case with a blue top.

48545 Turbo Bluetooth Speaker $9.50/each

Raspberry Fields Forever



Velleman brings you this clear enclosure for Rasberry PI Modules. Velleman model number RAS-CASE001 . This unit measures 3-5/8" x 2-1/2" x 1" and includes screws and feet. Has holes for the connectors and ports on some of your favorite Pi models. Fits Pi B+, Pi 2 Model B, but you can use it for all your small electronics projects, we won't tell.

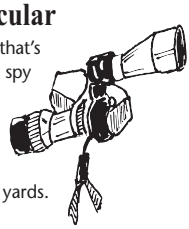
47560 Clear ABS Pi Case $4.75/each

Good Looking?

Nothing to it if you have these 20 x 70 binoculars with rubber-coated housing for ruggedness, blue-coated optics, and a K9 prism for sharp images. Great for camping, wildlife viewing, more and large enough for you to enjoy viewing the night sky. Measure 11-1/4" long overall and come with folding eye-cups, right-eye diopter adjustment, an adjustable neck strap and a carrying case.

95812 Rubber Coated Binocs $62.95/each

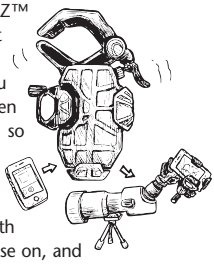
Marvelous Mini-Monocular



Cute and useful, like a puppy that's learned a trade, this small 8X20 spy monocular has coated glass lenses, double prisms, and an adjustable focus. Measures just 3-1/4" long with a 6" wrist strap, and has a 282-foot field of vision at 1K yards. Comes with a lanyard too.

96860 Mini Monocular $14.50/each

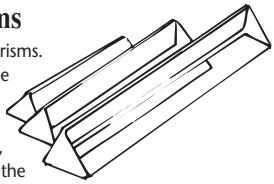
Make Your Smartphone Smarter



From Celestron™, this NexYZ™ adapter lets you attach any smart phone to a telescope, binoculars, spotting scope of microscope. You view through the phone's screen instead of the device's eyepiece, so what you see is what you capture with the camera function. Great for larger-group viewings and stargazing parties. Compatible with all smartphones, even with the case on, and has three-axis universal mounting for easy alignment, and secure clamps for hands-free operation. Includes adapter rings for smaller 23mm and 30mm microscope eyepieces.

14567 Scope Phone Adapter $54.50/each

A Pyramid of Prisms



Polished glass equilateral prisms. Equilateral because each edge of the end is the same length, 32mm. Thus, as all you geometry students know, each of the angles is also the same, 60 degrees. These are school grade and are fine for decorative and demonstration. They do a nice job of refracting light to produce a nice rainbow-like spectrum, but are definitely not up to instrumentation standards. The missing dimension, length, is shown below.

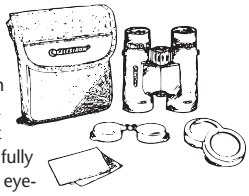
31801 Prism, 2" $7.95/each
31798 Prism, 4" $9.95/each
31799 Prism, 6" $15.95/each

Micromicromicroscope

Call it pocket microscopy. Our teensiest tiniest double-lens microscope is just 1-1/2" long x 19/32" dia with a barrel that will pull out another 1/2" for coarse focus. Rated at 16X, and comes with a teensy tiny carrying pouch.

45778 Pocket Microscope $4.50/each

The Better Binoculars



Paul, the guy with vision around here, calls these the binocs to get if you're stepping up your binocular game. From Celestron®, they're Nature DX Series 8 x 42 and lightweight at about 22 oz with BaK-4 prisms, fully multi-coated optics, twist-up eye-cups, 7.4 degree angular field of view (FOV), 6.5 ft near focus, linear FOV of 833 feet at 1000 yards, 17.5mm eye relief, 5.2mm exit pupil for brighter images & phase-coated optics. They're completely waterproof and nitrogen-purged to prevent fogging and are "perfect for birding" per Paul. Measure an easy-to-handle 5.3" x 4.9" x 2" and come with a case, neckstrap and chamois.

14526 Better Binoculars $139.95/each

They Have A Polarizing Effect

These standard-size 2" x 2" slides in tan plastic frames are polarized despite not having an opinion on anything. It's the polarizing filter in the lens that makes them polarized. You'll get (2) so you can do cool experiments to impress your friends or blow your own mind. Get all sciencey or creative, or however you get when you're at your best.

48405 Polarized Slides $6.95/pkg(2)

NEW!

Grade-A Prime Lens

A beautiful glass achromat lens. 34mm diameter and 66mm focal length. If you're In need of a lens for an art project or DIY magnifier, this is the lens for you. These are old military surplus so we have a limited quantity. Get yours today!

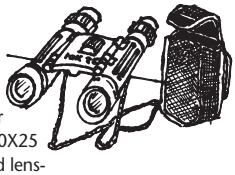
68026 34mm Achromatic Lens $7.50/each

Starfinder

Whether you're a beginner or an experienced stargazer, with or without a telescope, you'll get more out of the night sky with a Miller Planisphere. This 10" rotating double disc is a map of the planets, stars and constellations, useful across a large range of the northern latitudes, although most accurate in the range of 35° to 45° north. It can be aligned to the time and date in your location to display a detailed map, and includes tips on finding the planets, suggestions for telescope projects, and more. It's an invaluable learning tool that makes stargazing a lot more fun.

91720 Planisphere Sky Map $12.95/each

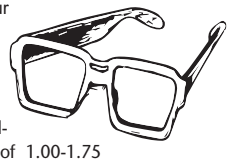
Binoculettes



Small enough to fit into the belt-mounted black canvas carrying case (4-3/8" x 3" x 1" thick), but they open up to be plenty big for most binocular needs. These 10X25 binocs have glare-reducing coated lenses, a thin neck-strap, adjustable focus, water-resistant and easy-to-hold rubber skin, rubber eyecups and fine-tuning for the right eye.

93901 Binoculars, 10 x 25 $12.50/each

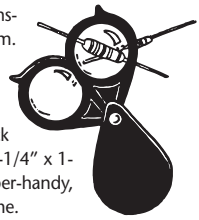
You Won't Believe Your Eyes!



Surpies rejoice! This might be our deal of the year. We recently acquired a boatload of high-quality reading glasses (not cheapie five & dime store readers) in soooo many styles and colors, with magnification ranges of 1.00-1.75 and 2.00-3.00. Some are sunglasses, some have spring hinges, some have a case, and all originally sold for $10 to $30 each. So get this: we'll send you (5) of them for less than $15. We promise you'll get (5) different frame styles and at least (2) different magnifications. But remember: the styles vary wildly, from classic to eye-catching. With that in mind, remember: you get what you get, without throwing a fit. Isn't surplus wonderful!

47352 1.00-1.75 Readers $14.50/pkg(5)
47353 2.00-3.00 Readers $14.50/pkg(5)

Two, Two, Two Lenses In One



This folding magnifier has (2) glass lenses that can be used solo or in tandem. Each is 1" dia and 7.5X magnification, and together they're 15X (which you just did in your head). The hinged lenses slide into a black plastic teardrop case that measures 2-1/4" x 1-1/2". Like a giant jeweler's loupe. Super-handy, powerful and as portable as they come.

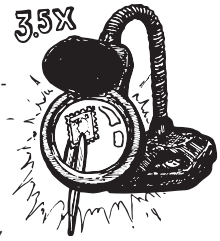
97157 Dual Magnifier $3.95/each

Pocket Magnifier

A nice 3X loupe, 2-3/8" dia, that folds into its own 3-3/8" x 2-5/8" tear-drop-shaped plastic case, and it's only 5/8" thick, just right for sliding into your pocket. Pay no attention the "6X" markings on the package-if mistakes didn't happen, we wouldn't be in business.

92677 Pocket Magnfier $2.50/each

Look Ma, No Hands



This monster magnifier on a gooseneck stand doubles as a reading lamp. The 3-1/2" dia, 3.5X magnifying glass is surrounded by a bright 12W 1200 lumen LED ring of lights, all on a 12" gooseneck rising from a 6-1/4" x 5-1/4" x 1-1/2" thick base with a 4-foot power cord. The magnifying lens has a flip-down cover, which converts it to a reading lamp.

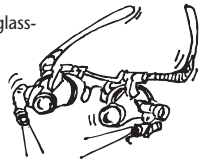
96600 Magnifier Lamp $22.95/each

Looky Here

And no need to hang on, because this large, 9-3/8" x 6-1/2" Fresnel magnifying lens with approx 2X magnification is in a black plastic frame with folding legs. Stands approx 4" above a tabletop but stores flat. Also comes with a lightweight cord, so it will hang from your neck for close work sewing, knitting, or whatever. Try it once and you'll wonder how you got along without it.

47361 Folding Fresnel $14.50/each

Techs' Specs



You do close work? Slap on these eyeglass-style magnifiers and make your life a bunch easier. The plastic frames are 5-1/2" wide with adjustable inter-pupillary distance, 4-1/2" long temples and an adjustable 12" elastic strap. Comes with (4) sets of lenses, 10X, 15X, 20X and 25X, illuminated by LED arms at the sides of the lenses. Replaceable button-cell batteries included. These could also be the steampunkiest-looking item we've ever offered.

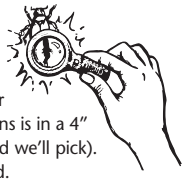
95792 Magniglasses $18.95/each

Up Close, And Up Closer

Forget watchmaking, you could write the "A Tale of Two Cities" on a piece of tortellini with this triple magnifier visor. Magnifies from 1.8X to 4.8X. Has a permanent 2.2X lens, a flip-down lens, and a flip-down loupe. Separate white LEDs at each temple, powered by (2) "AAA"s each which aren't included. The whole thing is in a black plastic visor, 7-3/4" wide x 5-1/4" deep with a flexible plastic strap held by a hook-and-loop closure. Opens to 9" max dia and has coated acrylic lenses. Now then: It was the best of times, it was the worst of times…..

95883 Headband Magnifier $9.95/each
92294 "AAA" Batteries $1.95/pkg(4)

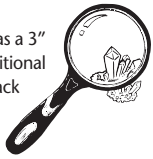
Cute & Bright



Like border collie puppies, these small magnifiers are extremely cute and as bright as anything, with (4) white LEDs around the lens, plus (1) UV LED for your forensic needs. The 1" dia 2.5X acrylic lens is in a 4" long handle in black, red or sky blue (and we'll pick). Run on (3) button-cell batteries, included.

96778 Cute Magnifiers $7.95/pkg(2)

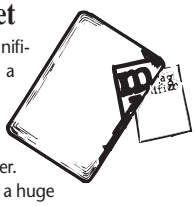
No Shock, Sherlock



This very good-optical-quality 3X magnifier has a 3" dia glass lens set in a 7-1/2" long traditional Sherlockian-looking rubberized handle. In black with French blue accents for stylish sleuthing. Plastic and rubber body is shock resistant.

97154 3X Magnifier $2.95/each

Full Page Magnifying Sheet



Flat plastic Fresnel lens. This flexible magnifier is 7–1/4" x 10–1/4" and only about a millimeter thick. It is great when you need to scan a list or to look for something in a directory. You can see most of the page without moving the magnifier. Only about 1.5 power, but that can make a huge visual difference. The quality is not high, but neither is the price.

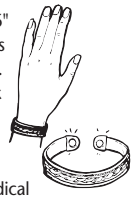
8665 Magnifying Sheet $2.35/each

HumongoMagnifier

You won't misplace this Sherlockian magnifier. Measures 11" long overall, with a 5" dia 1.5X acrylic lens with a 1" 3X window inset. Handle is 5" alone and the lens has (3) white LEDs for the better to see with. You add (4) "AAA" batteries in the handle and start solving mysteries imediately.

96851 XL Magnifier $12.50/each

Copper Is The New Kale



In flexible copper, 6-5/8" x 7/16" x 1/16" with 3/16" dia magnets on the ends, this bracelet is flexible enough to fit all wrists. Might be good for you, might just look good. Front of the package says the combo has been believed to relieve arthritis and rheumatism since Roman times but the back says it's definitely not a medical device. F. Scott Fitzgerald said "The test of a first-rate intelligence is the ability to hold two opposed ideas in the mind at the same time." He probably would have bought some of these bracelets.

96854 Copper Bracelet $9.75/each

Who Needs A Gym?

Resistance bands. No, not a bunch of obstreperous rockers, but home gyms small enough to stick in your hip pocket. These rubber stretch bands are 6-1/4" wide and will stretch to (9) feet. Good for full-body strength training, yoga or Pilates, or just a little light body stretching. In the resistance-band universe, these would be medium strength. We'll send you (1) in red or blue depending on what's on top of the pile. Your muscles won't care—they'll thank you.

48172 Resistance Band $3.95/each

NEW!

Does Your Pillow Remember You?

This one does. Nap away the flight, car ride or afternoon with this U-shaped memory-foam neck pillow cosseting your head. The soft white knit cover has a skinny zipper so you can remove and launder it. Cover is 85% polyester and 15% rayon, made from bamboo and no, we don't know how either. We do know that bamboo is the new soybeans, though. Inside is gooshy foam that remembers. Go take a nap.

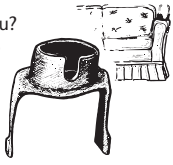
48557 Mem. Foam Neck Pillow $6.50/each

Got A Hungover Zebra?

Give the poor beast an ice pack, just like in the movies, but in a zippy zebra print. We miss ice packs, frankly, and so should you. These are the classic design. Medium sized 9" bags have 1-7/8" ID mouths with gasketed screw caps, so they should also work with hot water.

46898 10" Zebra Ice Pack ~~$3.75~~/each
Special Price! $1.95/each

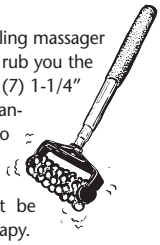
Got Soggy Sofa Cushions?



Spilled another soda on the couch, did you? Or was it beer this time? We know. And we feel your wet pants. Although sometimes you just spill on the carpet, right? You need the Sofa Saver, bunky. It's a can, bottle and mug holder that has weighted silicone wings to keep it safely on the arm of your chair or couch, even when you're squirming around looking for the remote. The holder is 2-3/4" dia with the insert inserted, or 3-1/2" dia without it. Measures 16-1/2" wide from wing-tip to wing-tip. Better get a few—you have lots of places to sit, and you're not the only clumsy one in the house.

47900 Sofa Saver Cupholder $8.50/each

Masseur On A Stick

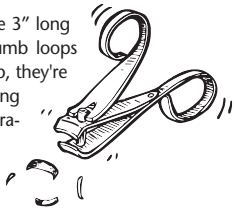


The rubber bumps on the end of this rolling massager are in rows that rotate independently to rub you the right way. The (6) rubber bumps are in (7) 1-1/4" dia rows on a three-draw telescoping handle that extends from 13" to 23" long, so you can reach the soles of your feet or massage your cat. (Some cats like it, some don't, so a little distance might be good.) Juanita uses hers for physical therapy.

96788 Telescoping Masseur $2.80/each

NEW!

Loops For Nails



Get a grip on your nail clip. These 3" long nail clippers have finger and thumb loops built into the arms. Called EZ-Grip, they're much easier for anyone to hang onto, period—but they're also extra-good for anyone with arthritic hands or other grip issues. When you're done clipping, they fold back down for storage, just like standard clippers do.

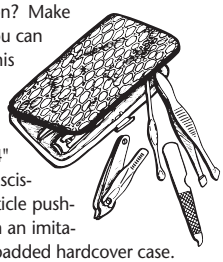
48547 EZ Grip Clippers $2.95/each

The Butt Bucket

For when you just can't drag yours around anymore? No, for out-of-sight cigarette butt and ash disposal. This mini-bucket, sans handle, is a 3-1/4" dia x 3-7/8" tall black-composition ashtray that can sit on a desk or table, or fit neatly into a car's cup holder. Its removable lid has (3) slots to hold lit cigarettes and a small, cigarette-diameter hole so the butts slide out of sight and go out for lack of oxygen. Cuts down ambient dead-butt odors, too.

93044 Butt Bucket Ashtray $1.95/each

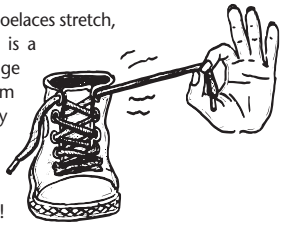
Yo, Twinklefingers



Can't make it to the nail salon? Make your fingers (and toes, too, if you can reach them) twinkle with this compact 6-piece stainless steel manicure set. Includes your basic nail clipper, angled cuticle edge clipper, plus a 3-1/4" long curved side edge cuticle scissors and, in the same size, a cuticle pusher, tweezers and a nail file. All in an imitation faux snakeskin, snap shut, padded hardcover case. Our choice of color because Jarvis knows best.

47967 Reptilian Manicure Set $4.50/each

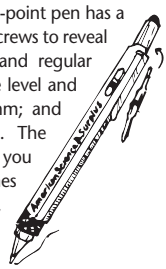
Tie Your Shoes? It's A Stretch.



It's so much easier if the shoelaces stretch, not your back. Our each is a pack of (3) in yellow, orange and red, 22" long. Put them in shoes like you usually do, tie them, and turn oxfords and gym shoes into slip-ons. No more bending down to tie! They're a boon for kiddies and old folks alike, and they're washable if you spill on them.

47946 Elastic Sholace 3 Pack $7.50/each

Penstyluslevelrulerdriver



It's a ninefer. This 6" long x 1/2" hex ball-point pen has a rubber stylus at the other end, which unscrews to reveal a tiny driver with both small Phillips and regular heads, while the shaft has a little bubble level and (4) rulers: 0-4" x 1/16"; 0-10cm x 1mm; and both 1/200mm and 1/300mm rulers. The ninth part is our name on the side, so you remember where the coolest stuff comes from. Plus it's in the ruler shade of yellow, with a pocket clip. Need more ink? Our refill pack is a set of (2) black and (2) blue cartridges. Just pull out the silver knurled tip of the pen to screw in a new ink cartridge and your Great American Novel will be finished in no time.

96537	**Nine-Way Tool**	**$5.50/each**
96875	**Pen refills**	**$3.95/pkg(4)**

Jolly Barry

Why does Roger always get the credit for the skull and crossbones pirate flag? We feel it is time to share and have elected Barry to the post because he just walked by the vast editorial department here at A.S.&S. (AKA "my desk") Our Jolly Barry flag is 3ft x 5 ft., black polyester with a reinforced edge containing grommets for flying. It has the traditional skull and crossbones in white with the added fillip that the skull is wearing an eye patch! Sail Away!!

91520	**Jolly Roger Flag**	**$4.50/each**

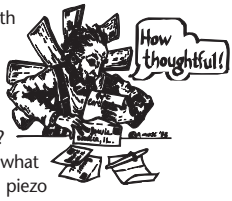
NEW!

Give The Gift Of Yourself

Or at least identify who the gift is from when you put a 4" x 3" photo of yourself in the frame on the cover of this 6-1/2" x 5" x 3" deep box. Top is brushed aluminum, and the black box itself is a matte-finish black plastic. The inside has (6) 1/2" thick gray foam slabs for cushioning whatever you put in there.

48394	**Photo Frame Storage Box**	**$5.95/each**

GIFT CERTIFICATES !!



Twelve-year old Tommy is a whiz with kits and models—but who knows which one he wants? Tommy's teacher creates great art and craft projects—but who knows what off-the-wall materials will inspire her? And Grandpa Sam! Who knows what motors or bearings or resistors or piezo speakers he wants? Or what in tarnation he wants them for? Doesn't matter! Give them all gift certificates! Just select whatever combination adds up to the amount of the gift you want to give, for mail orders include the name of the recipient (write extra legibly, please). We'll send you or him or her one of these handy gifts, complete with our signature sketch of Jarvis. (No charges for shipping and handling on a gift certificate, but those will be charged on the order against which the certificate is redeemed.)

31870	**Gift Certificate, $10**	**$10.00/each**
31880	**Gift Certificate, $25**	**$25.00/each**
42516	**Gift Certificate, $100**	**$100.00/each**

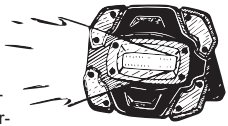
SURPRISE!

Mystery boxes of stuff like what you see in the catalog. Maybe we had a little left but not enough to continue the listing. Maybe we only got a few as part of an odd lot. Maybe we lost some, and just found them in the warehouse. You will get items which originally listed for at least $25.00 total in our catalog (or would have, if we had enough). You pick. The "electro-mechanical" box has things like motors, switches, hardware and components that are useful parts but want to be worked into something bigger. The "consumer" box has more ready-to-go type items, and things that don't have as technical a flavor, like bottles, toys, books, and giant rubber bands. The fun is in the mystery and surprise. Perfect if you don't know what to give Aunt Maude and Uncle Ned, or if you can't decide how to bring your order up to the minimum. Every couple of months the contents will keep changing, so even if you have gotten a box before, feel free to order again!!

23607	**Electro/Mech. Box**	**$11.50/box**
23610	**Consumer Box**	**$11.50/box**

NEW!

Flood The Zone



Lay a total of 1800 lumens on your work area with this 3-pack of hand-sized floodlights measuring 5-1/2" x 4" x 1-1/2" in weather-resistant housings with rubber corners and ratcheting handles/stands. Each has a 2-1/2" COB LED in the front rated for 600 lumens. Include max/low power settings and (4) disc magnets for sticking them up somewhere. The (4) "AA" batteries needed to power them are thoughtfully included. Also excellent for camping and emergency uses.

97286	**Floodlight Trio**	**$17.50/each**

Off-Duty Astronaut Hat

Much more fashion forward than those helmets, these NASA caps are the ones astronauts wear for the annual softball game against the cosmonauts, or to walk their dogs on the space station. In black, it's made of 100% brushed cotton twill, low-profile and adjustable. The front panel is reinforced with buckram to give it structure. The familiar NASA "worm" logo is stitched in white on the front. Classic.

97248	**NASA Hat**	**$12.50/each**

Surpie Stuff

If you're a surplus groupie, if you think Jarvis sits at the right hand of St. Peter, if you can see our initials without tittering, you should be flaunting your devotion – drinking out of our white, 11 oz coffee mug and wearing our soft T-shirts, all with the likeness of Jarvis (our flying mascot), our corporate name and our inspiring tag line, "Incredible Stuff, Unbelievable Prices" in black across the back and "American Science & Surplus" in small print on the left front. We have thoughtfully ordered the shirts in gray, the best color to wear when digging for surplus treasure. The T-shirts are 98% cotton, and will shrink. Order accordingly. Don't just sit there – Jarvisize your wardrobe.

94001	**AS&S Coffee Mugs**	**$4.95/pkg(2)**
90267	**Lg T–Shirt**	**$9.95/each**
90268	**XL T–Shirt**	**$9.95/each**
90269	**XXL T–Shirt**	**$11.50/each**

Clever Idea #763

This idea is for the birds. Literally. A green plastic perch, dish, and dispenser that you can screw onto an inverted plastic pop bottle to convert it into a bird feeder. Obviously, the bottle should have been emptied of pop and filled with seed. One of those "100 things to do with old coat hangers" ideas that really works!! Complete with instructions and bail to hang the completed feeder.

89308 Wild Bird Feeder $2.95/each

NEW!

Shine A Little Light

In fact, shine (4) little lights, like these 120-lumen COB task lights from iZoom®. Measure 7" x 1" x ¾" in a rectangular profile with a 2-1/2"-long bar of LEDs on one side. Ultra bright with settings of high, power-save low and emergency strobe. Include pocket clips oriented to throw light to the front, with magnets on the clips to stick them on steel surfaces. They come with (3) 'AAA' batteries in each, which basically cuts the price in half.

97288 COB Flashlight 4-Pack $14.50/each

Spot The Flowers

These solar-powered, wireless garden lights are on a stake like most, but these have an adjustable focus from flood to spot, to direct the light where you want it. Measure 4-1/2" dia x 15" tall with the removable stake. The light head itself is 2-3/4" dia x 4-1/2" long in a bullet shape. The cool-white LEDs shine at 100 lumens, and the solar panel on top swivels 360 degrees to catch the sunlight. Weatherproof (duh) with a protected on/off switch.

97218 Garden Lights $9.50/each

NEW!

Smart Pots For Smart People

So many of your chia-like pots are likenesses of random animals and peculiar people. Redeem the pot-pet universe with some real talent. You pick Albert Einstein, Jane Austen or Sigmund (sometimes a plant is just a plant) Freud. Bases, with names, measure approx 3-3/8" x 2-1/2" with heads about 3-1/4" tall. In unglazed white ceramic, they'll hold a 2" mini flowerpot, or you can add potting soil and few pebbles. Perfect for small ferns, succulents or ivy, but if your thumb isn't green, just stick pencils in them.

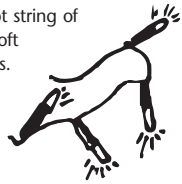
97230 Al Einstein Planter $11.95/each
97231 Jane Austen Planter $11.95/each
97232 Sig Freud Planter $11.95/each

Put A Sock On It

Avoid the tragedy of frozen faucets and plumbers' bills. Mother Nature loves to teach you lessons, and her favorite is the one about water freezing in the winter, even inside pipes. Foil Mother Nature with this faucet sock, a 3M Thinsulate™ insulated bag that slips over even the largest outdoor faucets. Measures 16" long x 7" dia. In the off-season, it also makes a great cooler bag, which makes this the oddest, coolest twofer in the catalog.

47684 Thinsulate® Faucet Sock $6.95/each

Teeny, Tiny & Real Bright



Think Tinkerbell after you clap. This 17-foot string of teensy yellowish-white LEDs are labeled "Soft Glow," but they seem mighty bright to us. Smaller than a grain of rice and on a bendable wire, they're powered by a USB or a pair of AA batteries (included). Like their big brother LED sets, but much more delicate. We're thinking around windows, shelves, plants, wreaths, small Christmas trees (or trees on any sort), table centerpieces, hats, or even special hairdos.

97256 Tiny LEDs On A Wire $7.50/each

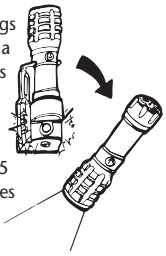
Let The Sun Light Your Yard

Yes, the sun already lights your yard, but with this set of (100) solar-powered white LEDs, it will light up the yard at night, too. On a 40-foot cord attached to a solar cell and a NiMH rechargeable battery, it operates in steady-on or flashing modes. Eight-hour charge cycle. Internal sensor detects ambient light. Includes mounting hardware, mollies and a 7" mounting stake. Great for modeling or doll houses.

94916 Solar Yard Lights $14.75/each

NEW!

Part Flash, Part Night



This rechargeable COB LED flashlight plugs right into the wall and earns its keep as a nightlight while it's recharging. Has adjustable focus, hi/lo/off switch, and disk magnets on the bottom. Shines at 150/300 lumens, and the nightlight can be triggered by light or motion up to 15 feet away. Charges fully in 3 hours. Measures 6" long x approx. 1-1/2" dia and the charging base is 4-1/2" x 2-1/4" x 2".

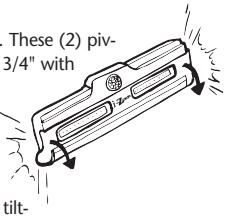
97287 Flash/Night Light $14.50/each

Intense COB

Tactical sweet corn? Stop it—this dual-use gun-metal gray flashlight shines with a COB LED front light and a COB side light. Measures 6-1/2" x 1-1/2" dia. Can be used with the flashlight on, sidelight on, both on, or in emergency flashing/strobe mode. Bottom has a good magnet for hands-free work. You add a trio of "AAA" batteries.

48260 Dual COB Flashlight $7.50/each

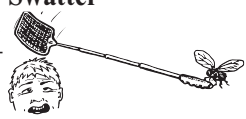
Stick A Light



Let there be light. Without switches. These (2) pivoting light bars at 6-3/8" x 1-5/8" x 3/4" with two 2" intense COB LEDs are motion- and light-sensitive (with a 30-second auto-off feature), and can be mounted pretty much anywhere via their self-adhesive strips and disc magnets. With 90-degree tiltability and rated at 300 lumens, these little lights are about as bright and versatile as anything this size can be. Each package comes with (2) light bars and (3) AAA batteries for each. Get a couple and you'll probably be back for more.

97064 Light Bars $12.50/each

Incredible Growing Fly-Swatter



One of our all-time favorite items, back in neon colors. These surprisingly sturdy fly-swatters have plastic grip-handles, mesh heads and extendability. Measure 10-1/4" long when compressed, but pull the 4-draw handle and they extend to a fly-smacking 28". Yours will be bright yellow, lime green, fuchsia or orange, but they're all attractive, and the flies won't care.

71138 Extendable Flyswatter $1.95/each

Ouch!

Looks like a cheap kid–sized tennis racket, but brother, this ain't for the kids. It's actually a fine way for adults to work on their upper–body strength and kill bugs at the same time. 18" long, with a 6" wide paddle lined with metal grid. A coil in the handle sends high voltage through the paddle when a button is pushed; hit a bug with it and the bug will bug you no more. But despite the manufacturer's claims that it's safe for people, Scott reports that flesh–paddle contact delivers a nasty shock, nasty enough to say "Keep this away from kids!" We've seen these in other catalogs for about twice the price, so buy it from us. Just be careful with it. (2) AA batteries, not included.

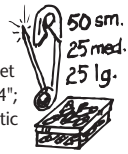
27356 Insect Terminator $5.95/each

Garden In A Bottle?

You know about messages and ships in bottles, so it's probably time for you to branch out with these terrariums in bulbs. It was bound to happen. Our very nice, clear-glass, upside-down light bulbs measure 7" tall x 3-1/2" dia at the widest. Inside they have polished rocks and plastic succulent foliage accented by a stylish 10-LED string of grain-of-wheat-style lights twisting through it. Featured flora include agave, aloe vera, torch plant and jade. Comes with a button cell battery and a spare. Just press the top to turn on the lights.

97063 Light Bulb Terrariums $7.50/each

Painless Pins



These are your classic safety pins, invented by the Mycenaean Greeks in the 14th Century BC, and still available today through AS&S. You'll get (100) in (3) sizes: (50) at 1-1/8" long; (25) at 1-1/4"; and (25) at 1-1/2", all in a handy reusable plastic box, which even the Mycenaeans didn't have.

93542 100 Safety Pins $2.25/each

Shammy?

Chamois, actually, but who can spell nowadays, and this is a not from a goat anyway, although most goats would be proud to have contributed it. This faux chamois/shammy is a soft, absorbent microfiber, 28" x 16" x 1/32" thick. Machine washable, lint-free, streak-free and made in the US of A.

46586 Shammy $3.75/each

Unto Dust We Shall Return

This microfiber duster starts out 11" long and the telescoping 4-draw handle extends to over 2 feet, if you count the headful of 1" long wiggly dust-busting fingers on top. Can you say recessed lighting? Ceiling fan? We'll select one for you in a flattering purple, line green, pink or light blue. Would also make a can't-miss baton for a high-school band director.

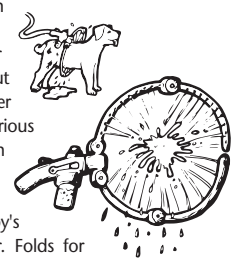
94601 Zoom-Out Duster $3.95/each

Treat Your Grill Like Feet

Use this pumice-like stone on your grill, and forget about having to check your burgers for little shards of wire that snapped off of your brush. This stone will scour porcelain, stainless steel or iron grills and can be used on hot or cold surfaces. Made of 95% recycled material. Easy to clean, but will eventually wear out, as will everything else, so you may want to grab two. Measures approx 4-1/2" x 3" x 2" and is mounted in a plastic frame with a 6" handle.

97071 Grill Stone $6.95/each

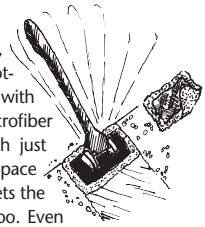
Drive-Through Dog Wash



Can your pooch jump through hoops? No matter--you can pass the Woof Washer 360® hoop over your dog, and Fido will come out clean as a whippet on the other side. Adjustable for dogs of various sizes, it connects to any garden hose and accepts any dog shampoo. The (30) jets spray soapy water and a rinse on all your puppy's parts, dorsal, ventral and nether. Folds for easy storage. For extra fun, try it on your cat.

48208 Woof Washer 360® $7.95/each

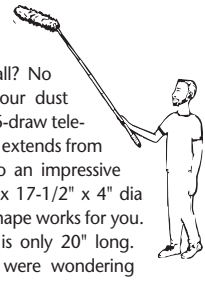
Hand-held Swiper



As seen it on TV! Called THEEASYWIPE, this window cleaner has a 14" long pivoting handle ending in a 5" x 3-1/2" pad with a removable and machine-washable microfiber cover. It's designed to clean glass with just water and to fit easily into that tricky space where the inside of your windshield meets the dashboard. Works for back windows, too. Even works in trucks. And houses.

94078 Microfiber Wiper $3.95/pkg(2)

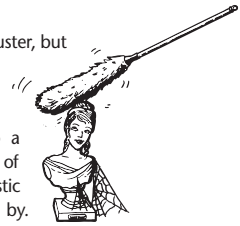
Dust Like A Giant



Got dusty ceiling fans? High curtain rods? Spots that are hard to reach unless you're 7 feet tall? No problem. Take care of all of your dust once and for all with this sturdy 6-draw telescoping microfiber duster, which extends from a little under 33" all the way to an impressive 110". The business end is approx 17-1/2" x 4" dia and can be bent into whatever shape works for you. Folded down, the whole thing is only 20" long. Not flimsy at all, in case you were wondering about that. Why live with dust when you don't have to?

96853 Telescoping Duster $12.50/each

Not A Feather Duster



Actually it's a white polyester fluff duster, but it is from the Feather Duster Corporation™ so we shouldn't argue. Plus, it's really nice and super-fluffy, and sure to dust up a storm. Measures (2) feet long--12" of duster above another 12" of plastic handle--with a ring to hang it by. Would also make a killer puppet if you added a couple googly eyes.

71449 Fluffy Duster $2.95/each

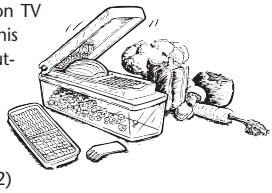
Flat Mats

Let's cut to the chase here -- buy these the first time you read this, or they're going to be gone! There aren't that many of these flexible chopping mats, and the versatile 15" x 12" x 0.024" thick mats are not only ideal for small kitchens where every inch counts, they're great for any kitchen, and for cookouts, camping and picnics. Our each is a set of (2) of the translucent Euro-look mats that protect countertops from sharp knives and fresh-from-the-oven cookies, and protect food from outdoor surfaces. They can be lifted and slightly folded to funnel chopped food neatly into a pot. They're dishwasher safe, and roll up for portage or storage.

35253 Flexible Chopping Mats $2.25/each

NEW!

Cutter, Slicer, Dicer, Chopper



In the spirit of things seen on TV since there was TV, we offer this vegetable, fruit and cheese cutter, slicer, dicer, chopper. Works in one swift motion, and drops the cut-up bits into a 1-1/2-liter container with a storage lid. Includes (2) cutting inserts with a total of (4) blade types. In clear, gray and white plastic, it measures approx 11" long x 4" wide x 4-5/8" tall. But wait—there's more: also includes a little claw-like pusher thingy so klutzes don't stick their fingers in the little holes where the blades are. It's convenient and safe!

48388 Slicer Chopper Dicer $12.95/each

You Like Fro-Frou Drinks?

Those long nights trudging from tiki bar to tiki bar are over. You can now decorate your fro-frou drinks in the comfort of your own basement rec room with this package of (50) 4" long toothpick umbrellas. In dark blue and discretely branded with a vodka logo, you'll find they're a nice complement to the neon red of old-fashioned maraschino cherries. Plus it'll never rain in your drink.

47713 50 Cocktail Umbrellas $3.75/each

Not For Big Mouths

A lovely mini-funnel, made for pouring Dad's special medicine into a hip flask, but just dandy for filling salt and pepper shakers or anything else with a little yap. Stainless steel with a 1-3/8" ID intake mouth and a 5/16" ID outlet. 1-7/8" tall OA.

92731 Stainless Steel Funnel $1.75/each

The Caffeineozoic Era

Trouble keeping your geologic eras straight? We feel your Paleozoic pain. This colorful 12-oz ceramic mug has a graphic timeline wrapped around it illustrating the Pre-Cambrian era up through Paleozoic, Mesozoic, and Cenozoic periods. And if you're a good geology student, and finish all your coffee, you'll see an impression of a trilobite fossil in the bottom of the cup. Microwave and dishwasher safe.

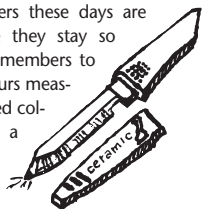
96811 Pre-Cambrian Cup $13.95/each

Not The Sharpest Knife In The Drawer?

Not you—we were talking to your favorite kitchen knife, or the one that used to be your favorite before it got dull, and it said yes, it's not the sharpest knife in the drawer. It's depressed, and it wants you to buy this Mozzbi tungsten and ceramic 2-stage sharpener. Self-adjusting for anything from paring knives to chef's choppers, it can be used on any straight knife. A few pulls through the coarse side, and same on the fine side, and you'll be slicing like d'Artagnan through Cardinal Richelieu's guards. Too soon?

48121 Self Adjusting Sharpener $9.50/each

Ceramic Is The New Steel

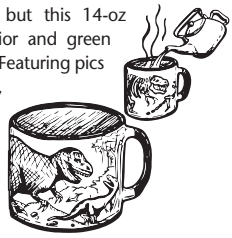


The smart cutters and choppers these days are using ceramic knives because they stay so sharp for so long, and who remembers to have their knives sharpened? Ours measure 7" long over all, with assorted colored handles, a 3" blade and a sheath. Don't go into the kitchen without one. Slice, dice, chop and mince, and forget about sharpening. Like you always do.

43409 Ceramic Knife $7.50/each

NEW!

The Naked Dinosaur Mug



Sure, all dinosaurs were naked, but this 14-oz ceramic mug with a white exterior and green inside lets you see under their skin. Featuring pics of multiple dinos on the outside, when you pour in hot liquid, they shed their skin to show their skeletons. Probably some very simple science is involved, but it looks like magic to kids and copywriters. Measures 3-1/2" tall x 3-3/4" dia, with plenty of room for marshmallows. Dinosaurs loved marshmallows—that's why a lot of them lived in marshes.

97236 Mass Extinction Mug $13.65/each

Dress Like A Jerk

Time was, soda jerks and lunch-counter help everywhere wore these paper caps, like malt-shop versions of military garrison caps. These are white with a navy-blue stripe, and they adjust so one size will actually fit any noggin. Slip one on and you'll feel an irresistible urge to serve burgers and banana splits to bunch of bobby soxers. Our each is a box of (100)

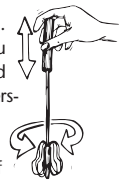
46945 100 Foodservice Hats $9.50/each

The Mother Of All Pot Scrubbers

Bigger than baseballs, made of wound-up stainless steel coil springs and tough as rhinoceros jerky, these 100-gram stainless pot scrubbers will make you scoff at those little pads that look like shredded wheat and sound like you need help at sea. Our each is a package of (6) silver scrubbers. Bonus: science fair materials!

47598 100-Gram Pot Scrubbers $4.95/each

Whisk Like A Yankee



Just like the classic Yankee drill, but for the kitchen. Has that "as seen on the television" kinda feel. You push the handle of this 10" long spring-loaded whisk and it spins clockwise on the push, and reverses when you let up on it. The 10-tine head is 2-1/8" dia at the bottom x 2-1/8" long, with a little center pin to keep the tines just off the bottom of the bowl or jar or whatever. In stainless steel.

46298 Yankee Whisk $4.50/each

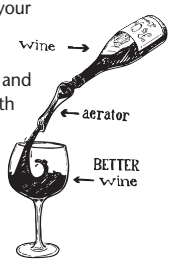
Put A Penguin In Your Fridge

And it'll never smell like leftover pork lo mein again. The fridge, that is. We love this 4" tall penguin in the traditional black and white outfit just for the way it looks. But pull off the black silicone top, and fill the hard plastic bottom with baking soda, and the little bugger will deodorize your ice box for no additional charge.

48100 Fridge Penguin $3.95/each

NEW!

Gimme Some Air, Gimme Some Air



Enable chemical reactions while amazing your friends with the Devine Wine Aerator! Called the Woodpecker Pourer (because just take a look at the thing), it has multiple air intakes and sends wine swirling down into glasses with every pour, to open up aromas and flavors. Fits all bottle sizes and comes in a snazzy gift box. Plus, with your wine already swirled, you won't have to do it yourself and risk sloshing it all over the tablecloth and your boss as you expound on the wine's subtle hints of blackcurrant, pine needle, rosemary, toasted almond and mocha.

48159 Woodpecker Aerator $6.50/each

Egg Guillotine

If you want to make an omelette, you have to break some eggs. But now you can automate the tedious process. Just stick the egg between the little rings, squeeze the handle, and the Clever Cracker breaks it and drops it into the detachable egg separator. But wait—that's not all! The package also includes the battery-operated Clever Scrambler. Put the egg in the little bowl on the Scrambler, push it down so the tiny scrambling wand is inside the egg, push the button, and the egg is scrambled from the inside, without your ever having to witness the ignominious deed. You add is a pair of "AA" batteries.

48166 Clever Cracker™ Egg Kit $3.95/each

The Box Says Square

When see you a box of Round Plates marked "Square Plates," there's only one thing to do: tilt your head back and shout "Surplus!" We've got a bunch of said boxes, filled with (60) Alpha & Sigma fine china-looking round white plates with silver accent lines around both the edge and that little valley in the middle that keeps food from escaping. They're plastic but you wouldn't know it unless you picked one up. You'll get (30) at 10-1/2" dia and (30) at 7-1/2" dia. Of course they're BPA-free, but don't microwave them. Reusable even though they're marked "Single Use."

48302 60 pc Plastic Plate Set $24.50/each

Rotten Peaches?

Not if you store them in this double produce basket with wide-open bottoms to let air circulate and prevent mushy fruit. In bright chrome, it measures 14-3/4" x 14-1/4" x 11" tall with a 10" x 9" top basket and an 11" x 11" bottom. Both baskets swing, like banana hammocks, and we know how much bananas like to swing. Kiwis and green peppers, too. Half the retail price, and no need to thank us. A tiny bit of assembly required.

48305 Wire Produce Basket ~~$13.50~~/each
Special Price! $11.95/each

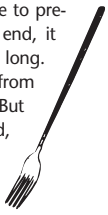
NEW!

Plastic Glass

Plastic glass—our favorite contradiction in terms. But what else are you gonna call it when that's what it is, "Glass That's Plastic"? This one is clear, holds 16 oz, and has a black screw-on cap with a big red button that you slide to open a hole for the red-plastic straw (another contradiction—plastic straw!) that comes with it. Measures 7" tall, and is priced ridiculously low because of the white CapitalOne® logo on the side, but who cares?

48357 16 oz. Sippy Glass $1.95/each

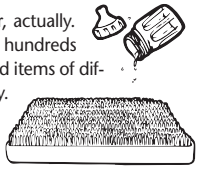
Foooooooooooooooooooork



This is a stanard 4-tine fork with a non-slip handle to prevent fork tragedies, except that if you pull the end, it extends like a antenna from 10" to over 2 feet long. Called The Moocher, it's made for stealing food from your extended family's plates. Across the table. But seriously, it's quite solid even when fully extended, so we'd roast wienies or marshmallows with it, or toast crumpets in the fireplace in our Oxford digs if we ever get a Rhodes Scholarship.

97257 Extendafork $4.95/each

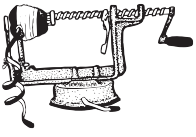
Dry Your Dishes On The Lawn



Or put a lawn on your kitchen counter, actually. This mega-clever drying rack is made of hundreds of 2" tall grass-like plastic spikes that hold items of different shapes and sizes while they dry. Dripped water collects in the 15-1/2" x 10-1/2" x 1" deep base. The faux grass is in (2) 10" x 7" parts, and it's BPA-free, naturally. Includes (2) 5" bottle cleaners, and a pair of tongs. Our AVPAD--Associate VP for Advanced Dishwashing--finds it particularly good for delicate glassware and lab equipment.

48162 Drying Rack $14.50/each

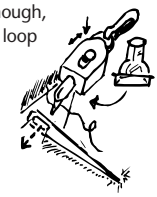
Make Like Moses Cook



That's who the Internets say invented the apple peeler in 1803, but there are a bunch of contenders, so never mind. Just get this hand-cranked stainless steel peeler and corer and start cranking. This one has a chromed threaded shaft, a three-pronged spike, and is spring-loaded, so it adjusts to fit your apples. Mounts on a 4" dia suction base so it's just dandy for today's granite counter tops. Measures approx 12" long, and frankly, it doesn't care if you use it for potatoes, either. Also provides a non-digital source of amusement for children.

97115 Stainless Apple Peeler $15.95/each

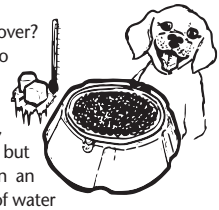
Threading Needles In The Dark?



Life, and needle-threading, is hard enough, so this little tailor's friend has a 3/32" loop with a white LED below it so you can see what you're doing. Includes a pair of button-cell batteries and the threader has a cover plus a little hook so you can string it on something and find it in your sewing box.

95631 Lighted Threaders $5.50/pkg(3)

Cold Ones For Pets



How about a nice cold one, Rover? Hey, you're not the only one who likes a nice chilled beverage, you know. Your dog or cat will appreciate the Frosty Bowl, which keeps water not only cold but fresh. How often have you seen an animal lower its head to a bowl of water and take a pass? Too often, we know. Set the inner core of this bowl in your freezer for a couple hours, drop it into the bowl's base (which measures 9-1/2" across) and fill it with approx 16 oz of water. Your pet will have fresh, cold water for hours. Plenty of time to have a few cold ones yourself.

47586 Frosty Pet Bowl $7.50/each

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93038 Backwards Clock $12.95/each

Grande Plasma Ball

This plasma ball from TEDCO Toys® has a 6" dia glass globe atop a 4-7/8" square x 3-1/2" tall base and throws swirling arcs and dots at the inside of the globe, just waiting for the electricity in your hands to make them go bizzare-o. It might even make you scream, "It's alive!" Mesmerizing, to say the least. Steady-on and sound-sensitive modes. Comes with an adapter and 6-foot cord.

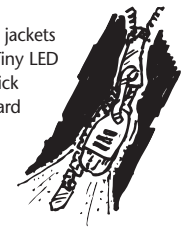
70178 Plasma Ball $33.50/each

Get To The Pointers!

Who doesn't love laser pointers? Their precision. Their etheral, mind-blowing, otherwordly glow. Their magic, now-you-see-it-now-you-don't quality. Ours come in several colors, including red, green, violet and combinations of those. You want a single point? We've got 'em. You want a kaleidoscope display? We've got those, too. They're all 5" to 6" long, give or take, and batteries are included. All you have to do is point and click.

91071 Red Laser Pointer $9.95/each
92512 Green Laser Pointer $14.95/each
94901 Red & Green Laser 2 Pack $22.95/each
94657 Violet Laser Pointer $14.95/each
95094 Violet Kaleido. Laser $15.95/each
94841 Green Kaleido. Laser $18.50/each

Thumbnail Flashlight

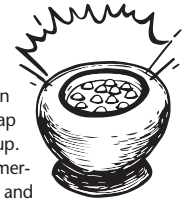


Hook these on the zipper pulls on your jackets and you'll never be in the dark again. Tiny LED lights measure 1" x 9/16" in a 5/16" thick oblong, and come on a 7/8" long lanyard clip. We'll pick some that will go with your eyes, in blue, green, black or red. Include little coin cell batteries that can be replaced if you're the sort of person who does that.

95313 Zipper Fob LEDs $3.90/pkg(3)

NEW!

This Light Sucks



We've never had one quite like it. This 2-3/4" dia red rubber bulb is sort of mushroom-shaped. Smack it on a smooth surface, and the bottom suction cup hangs on like, well, a suction cup. Tap the top and (8) bright white LEDs light up. Tap it again and (4) red LEDs flash an emergency signal. Peel off the rubber part, and it's a little black plastic light that stands up on a flat bottom. Takes (3) "AAA" batteries, included and replaceable.

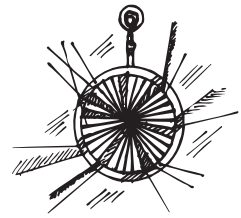
48395 LED Suction Safety Light $3.50/each

Backscratching In The Dark

It's always a problem finding a telescopic backscratcher in the dark, and when you do, it's usually asleep. We recommend this one, with a glow-in-the-dark creepy hand on the end of a stainless-steel, four-draw collapsible shaft. Measures approx 8" collapsed, and extends to 22-1/2" of back-scratching ease.

96759 GITD Backscratcher $2.95/each

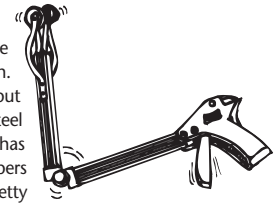
Dancing Colors



Hang this holographic prism in the window for delicate, changing color effects. As the sun shines through, it throws splashes of red, yellow, green, blue, violet and more around the room. The glass disc is 4–1/8" dia x 1/4" thick with a chrome-look frame. Comes with a suction cup hanger to mount it on a window. (Find a way to make it rotate for an especially cool effect!)

92429 Rainbow Window $19.50/each

Soft Touch



And easy to store. One of the better pick-up tools we've seen. Folds to just over 16" to store, but locks open at 30" with spring steel arms on an aluminum frame. It has soft, suction-cup-shaped grabbers and big, locking pistol grip. Pretty good gripping capacity too-maybe to 10 lbs or so. Get one for Mom, because at her age she can't reach the things she used to. And then get another one for yourself, because you'll be Mom's age before you know it.

92849 Pick-Up Tool $7.95/each

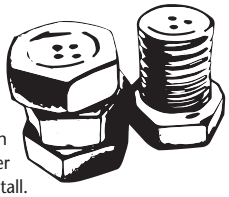
Free-Range Soap!

OK, maybe it's not cage-free, but this bar soap is handmade on an Amish farm in Springfield, Missouri, using Abraham Graeber's family recipe, which contains "no cancer-causing chemicals," according to the package. Because this soap is made by people and not machines, it's good for the earth, too. Our each is (5) giant 5-ounce bars, approx 3-1/2" x 2-3/4" x 1-1/4". (For you youngsters out there, bars of soap are what humans used to use to get clean before there were liquid soap dispensers.)

96774 Amish Bar Soap $8.75/each

NEW!

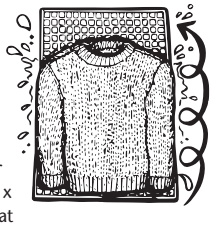
The Seasoned Mechanic



Perfect for collectors who are sick of kittens and puppies, or for the lunchroom at the shop, this pair of salt and pepper shakers includes a nice fat bolt (pepper) and a stack of (3) big nuts (salt). In silver-coated ceramic with rubber stoppers. Both are approx 1-7/8" tall.

45924 Hardware S&P Shakers $5.95/each

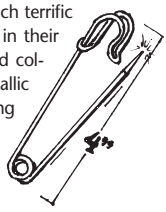
Got Soggy Sweaters?



Once upon a time, Billy threw his favorite sweater in the dryer and now it's a perfect fit for his troll doll. He could have just hung it out to dry, but then it would have come down to his knees. Be smarter than Billy and save your sweaters with this microfiber sweater-drying towel. Measures 34" x 22" with a textured waffle pattern that wicks away wetness when you roll a wet garment up in it. Material is 100% polyester and machine washable. Air dry.

48306 Sweater-Drying Towel $7.75/each

Big, Beautiful & Perfectly Safe



These big steel safety pins come in such terrific colors that they're practically jewelry in their own right. They're 4" long in assorted colors, including gold, black and metallic pink, blue and green. Perfect for closing buttonless sweaters and tops or securing scarves in fashionable configurations. You'll get (5) of these big, pretty pins in assorted colors.

94251 Big Pretty Pins $5.50/pkg(5)

That Clean, Bamboo Scent

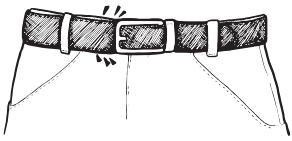
Time to bring some bamboo into your life. We've all suffered suspicious odors in our homes, shoes, luggage and cars, but the stink stops here. Our Bamboo Charcoal Air Purifying Bags eliminate odors while purifying the air, and they're reusable. We'll send you (4) bags at 6" x 5" and (2) at 7" x 3". They're gray and stylish, plus "S"-shaped hooks for hanging them. Reusable, non-toxic, eco-friendly and fragrance-free. These are, by far, the freshest bags we sell.

48419 6pc Bamboo Air Purifiers $11.95/each

Brush Like A Panda

You'll feel as cute as a giant panda when your brush your teeth with these bamboo toothbrushes. Soft bristle, biodegradable and BPA-free, because what does bamboo know from diphenylmethane compounds? Our each is set of (3) 7-1/2" long brushes and a cylindrical bamboo travel case with little vent holes so your brush will dry out.

48267 Bamboo Toothbrushes $7.50/each

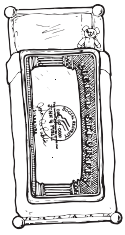


No Holes Bored

It's the Forever Belt of late night fame, the no-holes ratcheting cinch for your expanding waist. Features a 32-position gear rack on the underside in 1/4" increments in lieu of holes. In 1-1/8" wide black leatherette, it can be cut to length, and will fit waists from 22" to 44".

96838 No-Holes Forever Belt $9.50/each

Linus Is Retired



The little tyke appeared in 1952, a worried two-year-old looking for a little comfort in a cold world. With Lucy as a big sister, it's hard to blame him. The math never lies--Linus turned 70 this year, and he had to trade in his blue security blanket for a blue and white Social Security Card Blanket. Looks just like the card in your wallet (which you shouldn't carry in your wallet), and measures 68" x 34" in soft, comforting poly fleece. Even has your name on it: John Q. Public. All you add is a thumb.

48303 Social Security Blanket $12.50/each

NEW!

Play Misty For Me

This desktop, or nightstand-top, personal humidifier uses nano-mist technology to keep you personally spritzed in the fight against dried-out nose syndrome. Plugs into a USB port and runs silently while LEDs on top morph through (6) soothing colors. Also has fan and night-light attachments, which you can use or ignore. Has three settings and a 5-hour run time. Measures 4" tall x 3" dia in white, and comes with a cotton filter and a spare.

48550 Personal Humidifier $14.50/each

Put'em Where I Can See'em

This isn't the Old West but you can still look stylish in these soft, thin, stretchy very comfortable, washable black face masks. One size fits most. For best results, hand wash and air dry. Manufacturer says they are 95% polyester and 5% Spandex™. We like to think they make a great fashion accessory; perfect for any occasion, but are escpecially helpful if you get invited to secretive opulent High Society functions.

48002 Reusable Facemask $4.44/each

NEW!

WOW!

That's the name, actually, not that we're not excited. These WOW brand interchangeable containers are 8″ tall x 4″ square at the bottom. The tops are approx 6″ square x 1″ deep, and are made to also snap onto each other to make a 2″ deep container—think sandwich size—and the bottoms will also snap together to make a16″ tall container. You'll get (5) tall containers and (5) tops. Dishwasher safe, freezer safe, and microwavable. Closures work with one side as a hinge and the other side as a snap lock. It might take a little practice, but a clever person like you won't have any trouble.

48136 WOW Containers $7.95/each

SAVE!

Rotten Peaches?

Not if you store them in this double produce basket with wide-open bottoms to let air circulate and prevent mushy fruit. In bright chrome, it measures 14-3/4" x 14-1/4" x 11" tall with a 10″ x 9″ top basket and an 11″ x 11″ bottom. Both baskets swing, like banana hammocks, and we know how much bananas like to swing. Kiwis and green peppers, too. Half the retail price, and no need to thank us. A tiny bit of assembly required.

48305 Produce Basket ~~$13.50~~/each
Special Price! $11.95/each

Back In Black & Blue

NEW!

You'll get big sound from this little Xoopar Turbo Bluetooth speaker. Pat gives it a 5 out of 5 on the sound-to-price ratio. Perfect for blasting AC/DC in the office. Superior stereo sound, hands-free mic for phone calls, compatible with any Bluetooth device, Android or iPhone. Connects via Bluetooth up to 33 feet away and auto-connects to the last device used. You can also use the included 3.5mm aux cable. Suitable for any place with a cranny. Also comes with a black metal perforated case with a blue top.

48545 Turbo BT Speaker $9.50/each

Got A Hungover Zebra?

SAVE!

Give the poor beast an ice pack, just like in the movies, but in a zippy zebra print. We miss ice packs, frankly, and so should you. These are the classic design. Medium sized 9″ bags have 1-7/8″ ID mouths with gasketed screw caps, so they should also work with hot water.

46898 10″ Zebra Ice Pack ~~$3.75~~/each
Special Price! $1.95/each

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